


PRESENTED BY

*Amherst College*

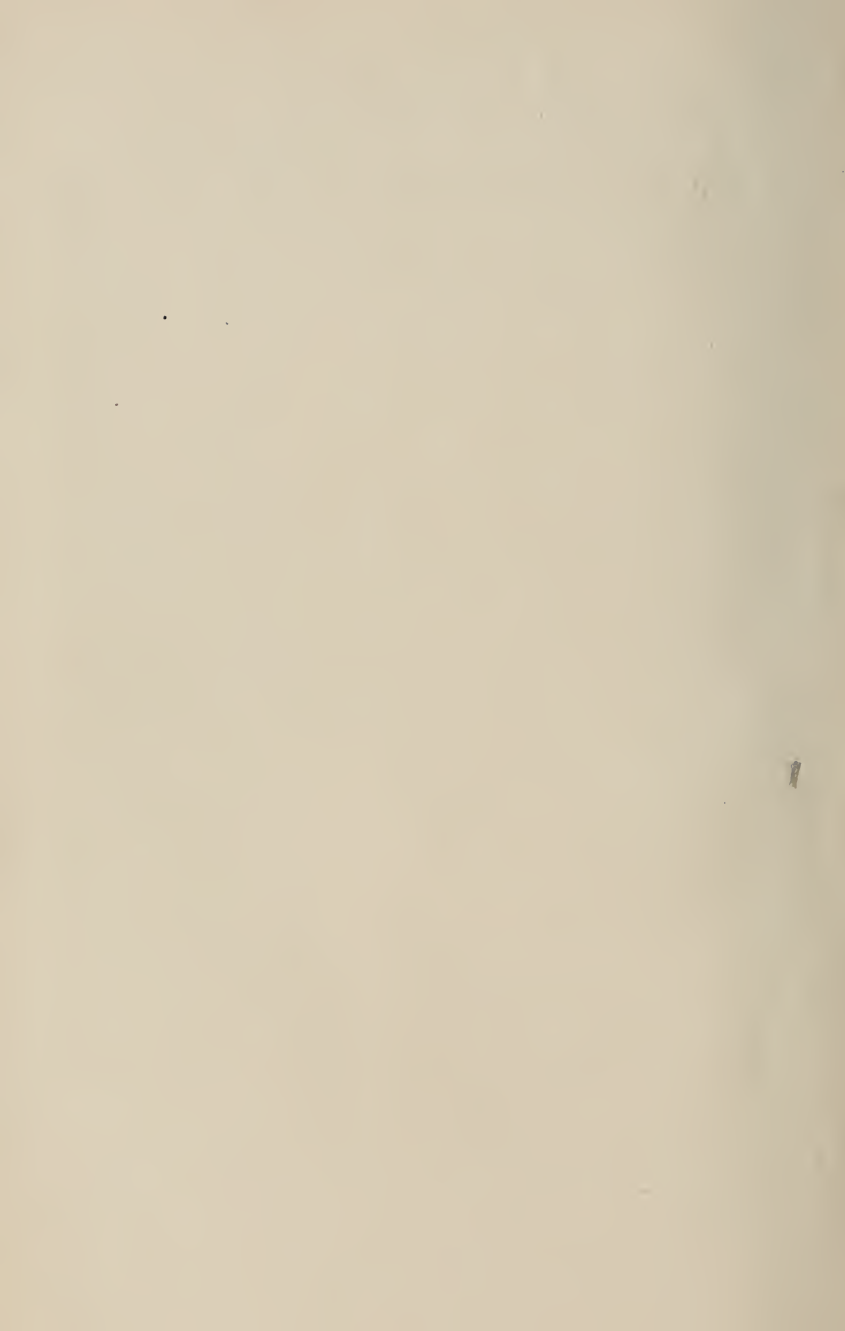








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# Amherst College Catalogue

1901-1902





*AMHERST COLLEGE CATALOGUE*

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- A College Church
- B Congregational
- C Episcopal
- D Baptist
- E Unitarian
- F Roman Catholic
- G Zion's Chapel
- 1 Professor Todd
- 2 " Kimball Thompson
- 3 " Harris
- 4 " Esty
- 5 " Olds
- 6 " Morse
- 7 " H.D. Smith
- 8 " Emerson
- 9 " Cowles
- 10 " Neill
- 11 Pres. Harris
- 12 Prof. Elwell
- 13 " Richardson
- 14 Treas. Fairbank
- 15 Prof. Grosvenor
- 16 " Hitchcock
- 17 " Genung
- 18 " Churchill
- 19 " Crook
- 20 " Tyler
- 21 " H.P. Smith
- 22 " Garman
- 23 " Bigelow
- 24 " Fletcher
- 25 " Hopkins
- 26 " Crowell
- 27 " Phillips
- 28 " Symington Baxter
- 29 Mr. Nelligan

Boston & Maine R. R. Sta.

To Boston

# Amherst College Catalogue

For the Year  
1901—1902



Amherst ✧ Massachusetts

Published by the College

1901

1902

1903

## JULY

S	M	T	W	T	F	S
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7	8	9	10	11	12	13
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## JANUARY

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## JULY

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## JANUARY

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## AUGUST

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## AUGUST

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## FEBRUARY

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## MARCH

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## APRIL

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## NOVEMBER

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## MAY

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## DECEMBER

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## JUNE

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## DECEMBER

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..

## JUNE

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..

# College Calendar

1901

September	19,	THURSDAY,	Autumn Term began at 11.30 A.M.
October	3,	THURSDAY,	Holiday (Mountain-day)
November	27-29,	{ THANKSGIVING RECESS: Wednesday, 12.45 P.M. to Friday, 2 P.M.	
December	19,	THURSDAY,	Autumn Term ends at 12.45 P.M.

## Winter Recess

1902

January	2,	THURSDAY,	Winter Term begins at 11.30 A.M.
February	9,	SUNDAY,	Day of Prayer for Colleges
	22,	SATURDAY,	Holiday (Washington's Birthday)
March	19,	WEDNESDAY,	{ Ladd and Leland Prize Gymnastic Exhibitions
	27,	THURSDAY,	
			Winter Term ends at 12.45 P.M.

## Spring Recess

April	10,	THURSDAY,	Spring Term begins at 11.30 A.M.
May	30,	FRIDAY,	Holiday (Memorial Day)
June	19,	THURSDAY,	First Examinations for Admission begin
	22,	SUNDAY,	Baccalaureate Sermon
	23,	MONDAY,	{ Hardy Prize Debate Kellogg Prize Declamations
	24,	TUESDAY,	
			{ Class-day Hyde Prize Exhibition in Oratory Meeting of the Alumni Commencement Exercises Alumni Dinner President's Reception
	25,	WEDNESDAY,	

## Summer Vacation

September	16,	TUESDAY,	Second Examinations for Admission begin
	18,	THURSDAY,	Autumn Term begins at 11.30 A.M.
October	—	(day not fixed), Holiday (Mountain-day)	
November	26-28,	{ THANKSGIVING RECESS: Wednesday, 12.45 P.M. to Friday, 2 P.M.	
December	18,	THURSDAY,	Autumn Term ends at 12.45 P.M.

## Organization

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AMHERST COLLEGE was opened 19th September 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received 21st February 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforward be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed and approved by the Governor 28th April 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is The Trustees of Amherst College.

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.



# Corporation

---

HON. JOHN E. SANFORD, LL.D. . . . . Taunton, Mass.

*President of the Corporation*

REV. GEORGE HARRIS, D.D., LL.D. . . . . Amherst, Mass.

*President of the College*

G. HENRY WHITCOMB, M.A. . . . . Worcester, Mass.

REV. E. WINCHESTER DONALD, D.D., LL.D., Boston, Mass.

REV. MICHAEL BURNHAM, D.D. . . . . St. Louis, Mo.

REV. WILLIAM HAYES WARD, D.D., LL.D., New York, N.Y.

D. WILLIS JAMES . . . . . New York, N.Y.

REV. CHARLES H. PARKHURST, D.D., LL.D., New York, N.Y.

WALTER M. HOWLAND, M.A. . . . . Chicago, Ill.

PROFESSOR WILLISTON WALKER, D.D. . . . . New Haven, Conn.

*Secretary of the Corporation*

CHARLES M. PRATT . . . . . New York, N.Y.

HON. CHARLES H. ALLEN, LL.D. . . . . Lowell, Mass.

ARTHUR H. DAKIN, M.A. . . . . Boston, Mass.

FRANK N. LOOK . . . . . Florence, Mass.

GEORGE A. PLIMPTON . . . . . New York, N.Y.

REV. HOWARD S. BLISS . . . . . Upper Montclair, N.J.

MASON W. TYLER, M.A. . . . . Plainfield, N.J.

---

JOSEPH W. FAIRBANKS, PH.D. . . . . Amherst, Mass.

*Treasurer of the Corporation*

## Overseers of the Charitable Fund

---

Rev. JOHN M. GREENE, D.D. . . . .	Lowell, Mass.
M. FAYETTE DICKINSON, M.A. . . . .	Boston, Mass.
Professor WILLIAM B. GRAVES, M.A. . . . .	Andover, Mass.
JOHN C. HAMMOND, M.A. . . . .	Northampton, Mass.
Rev. ROBERT M. WOODS, M.A. . . . .	Hatfield, Mass.
LEWIS W. WEST . . . . .	Hadley, Mass.
Rev. JAMES W. BIXLER, M.A. . . . .	New London, Conn.

---

JOSEPH W. FAIRBANKS, PH.D., *Commissioner*

# Faculty

---

GEORGE HARRIS, D.D., LL.D.

*President of the College*<sup>1</sup>

EDWARD PAYSON CROWELL, D.D.

*Moore Professor of the Latin Language and Literature*

EDWARD HITCHCOCK, M.D., LL.D.

*Parmlly Billings Professor of Hygiene and Physical Education, and Dean of the Faculty*

WILLIAM COLE ESTY, LL.D.

*Walker Professor of Mathematics and Astronomy*

ELIJAH PADDOCK HARRIS, PH.D., LL.D.

*Professor of Chemistry*

BENJAMIN KENDALL EMERSON, PH.D.

*Hitchcock Professor of Mineralogy and Geology*

Rev. HEMAN HUMPHREY NEILL, M.A.<sup>2</sup>

*Williston Professor of English Literature*

ANSON DANIEL MORSE, LL.D.

*Winkley Professor of History*

HENRY BULLARD RICHARDSON, M.A.

*Professor of the German Language and Literature*

<sup>1</sup> On the Chester W. Chapin endowment

<sup>2</sup> Absent on leave

JOHN MASON TYLER, PH.D.

*Stone Professor of Biology*

CHARLES EDWARD GARMAN, D.D.

*Professor of Mental and Moral Philosophy*

DAVID P. TODD, PH.D.

*Professor of Astronomy,<sup>1</sup> Director of the Observatory, and  
Secretary of the Faculty*

Rev. JOHN FRANKLIN GENUNG, PH.D.

*Professor of Rhetoric*

WILLIAM LYMAN COWLES, M.A.

*Professor of Latin*

ARTHUR LALANNE KIMBALL, PH.D.

*Professor of Physics*

GEORGE DANIEL OLDS, M.A.

*Professor of Mathematics*

Rev. EDWIN AUGUSTUS GROSVENOR, M.A.

*Professor of Modern Government and International Law*

LEVI HENRY ELWELL, M.A.

*Associate Professor of Greek, and Instructor in Sanskrit*

WILLIAM STUART SYMINGTON, PH.D.

*Professor of the Romance Languages*

<sup>1</sup> On the Sidney Dillon Fund endowment

REV. HENRY PRESERVED SMITH, D.D.

*Samuel Green Professor of Biblical History and Interpretation,  
and Associate Pastor of the College Church*

GEORGE BOSWORTH CHURCHILL, PH.D.

*Associate Professor of English and Public Speaking*

EPHRAIM LINCOLN WOOD, M.A.<sup>1</sup>

*Associate Professor of Latin*

JOSEPH OSGOOD THOMPSON, PH.D.

*Associate Professor of Physics*

ARTHUR JOHN HOPKINS, PH.D.

*Associate Professor of Chemistry*

JAMES WALTER CROOK, PH.D.

*Associate Professor of Political Economy*

PAUL CHRYSOSTOM PHILLIPS, M.D.

*Associate Professor of Hygiene and Physical Education*

WILLIAM PINGRY BIGELOW, M.A.

*Associate Professor of German and Music*

HARRY DEFOREST SMITH, M.A.

*Associate Professor of Greek*

HOMER SMITH, PH.D.

*Acting Professor of English Literature*

RICHARD FRANCIS NELLIGAN

*Instructor in Gymnastics and Athletics*

HERBERT PERCIVAL GALLINGER, PH.D.

*Instructor in History*

<sup>1</sup> Absent on leave



FREDERIC BREWSTER LOOMIS, PH.D.

*Instructor in the Biological Laboratory*

ARTHUR HENRY BAXTER, PH.D.

*Instructor in French*

HAROLD CLARKE GODDARD, B.A.

*Walker Instructor in Mathematics*

ERNEST HATCH WILKINS, B.A.

*Instructor in the Romance Languages and Latin*

---

WILLIAM ISAAC FLETCHER, M.A.

*Otis Librarian*

ALFRED SHEPARD GOODALE, B.A.

*Acting Registrar*

HARRY WELTON KIDDER, B.A.

*Assistant to the Treasurer*

## Committees of the Faculty

---

**Administration:** The PRESIDENT, Professors MORSE, KIMBALL, TYLER, COWLES, OLDS.

**Library:** The PRESIDENT, Professors CROWELL, EMERSON, NEILL, MORSE, OLDS, SYMINGTON, the TREASURER.

**Catalogue:** The PRESIDENT, Professors HITCHCOCK, TODD.

**Entrance Examinations:** Professors COWLES, KIMBALL, OLDS, ELWELL, SYMINGTON, CHURCHILL, HOPKINS, BIGELOW, H. DEF. SMITH, Dr. GAL-  
LINGER, the REGISTRAR.

**Certificate Privilege:** The PRESIDENT, Professors CROWELL, HOPKINS.

**Curriculum:** The PRESIDENT, Professors ESTY, HARRIS, EMERSON, NEILL, MORSE, RICHARDSON, GARMAN, COWLES, KIMBALL, SYMINGTON, H. DEF. SMITH.

**Scholarship and Beneficiary Aid:** The PRESIDENT, Professors HITCHCOCK, TYLER, COWLES, H. P. SMITH.

**Student Loan Fund:** The PRESIDENT, Professor TODD, the TREASURER.

**Monitors:** Professors CROWELL, HITCHCOCK, the REGISTRAR.

**Public Exhibitions:** The PRESIDENT, Professors HITCHCOCK, OLDS, GROSVENOR, CHURCHILL, THOMPSON, PHILLIPS.

**Commencement:** Professors HITCHCOCK, TODD, CHURCHILL.

**Degrees:** The PRESIDENT, Professors GENUNG, CROOK.

**Preachers and Public Worship:** The PRESIDENT, Professor H. P. SMITH.

**Alumni Teachers' Exchange:** Professors RICHARDSON, TYLER, GARMAN, GENUNG, COWLES, OLDS, the REGISTRAR.

# College Preachers

1900-1901

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Rev. TEUNIS HAMLIN, D.D.	Washington, D. C.
Rev. WILLIAM R. RICHARDS, D.D.	Plainfield, N. J.
President L. CLARK SEELYE, LL.D.	Northampton, Mass.
President WM. DEWITT HYDE, D.D.	Brunswick, Me.
Rev. LEIGHTON PARKS, D.D.	Boston, Mass.
Rev. H. P. DEWEY, D.D.	Brooklyn, N. Y.
Rev. S. J. MCPHERSON, D.D.	Lawrenceville, N. J.
Rev. HENRY E. COBB, D.D.	New York, N. Y.
Rev. NEWTON M. HALL	Springfield, Mass.
Rev. LYMAN ABBOTT, D.D.	New York, N. Y.
Rev. WILFORD L. ROBBINS, D.D.	Albany, N. Y.
Rev. EDWARD C. MOORE, D.D.	Providence, R. I.
Rev. ALEXANDER MCKENZIE, D.D.	Cambridge, Mass.
Rev. WILLARD O. SCOTT, D.D.	Worcester, Mass.
Professor GEORGE W. KNOX, D.D.	New York, N. Y.
Rev. ALBERT J. LYMAN, D.D.	Brooklyn, N. Y.
Professor T. HARWOOD PATTISON, D.D.	Rochester, N. Y.
Rev. EDWARD EVERETT HALE, D.D.	Roxbury, Mass.
Rev. EDWARD FAIRBANK, M.A.	Vadala, India
Rev. L. MASON CLARKE, D.D.	Brooklyn, N. Y.
Professor FRANCIS G. PEABODY, D.D.	Cambridge, Mass.

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President HARRIS, Professors SMITH, NEILL, GENUNG,  
and GROSVENOR

## Fellows and Resident Graduates

---

WALTER STEARNS ALLEN, B.A. (1900) . . . . Holyoke, Mass.

*Laboratory Assistant in Geology*

EDWARD CHURCH SMITH, B.A. (1901) . . . . Brooklyn, N. Y.

*Laboratory Assistant in Chemistry*

RUFUS EDWARD MILES, B.A. (1899) . . . . Boston, Mass.

*South End House Fellow*

FRANK OTIS REED, B.A. (1899) . . . . Madrid, Spain

*Rufus B. Kellogg University Fellow*

PRESERVED SMITH, B.A. (1901) . . . . New York, N. Y.

*Roswell Dwight Hitchcock Memorial Fellow in History*

## Senior Class

---

Allen, Fred Harold	<i>Holyoke, Mass.</i>	Φ K Ψ House
Anderson, Charles William, Jr.	<i>Upper Montclair, N. J.</i>	Θ Δ X House
Anderson, Wilber Ambrose	<i>Portland, Me.</i>	Δ T House
Baelslack, Frederick William	<i>Fitchburg, Mass.</i>	4 South College
Ballantine, Raymond	<i>Andes, N. Y.</i>	19 Main St.
Barber, Harry Clark	<i>Windsor, Conn.</i>	Φ K Ψ House
Barber, Silas Dewey	<i>Plattsburg, N. Y.</i>	Θ Δ X House
Beard, James Daniel	<i>Shelton, Conn.</i>	2 Tyler Place
Berry, Gordon	<i>Worcester, Mass.</i>	14 Maple Ave.
Birdseye, Kellogg	<i>Montclair, N. J.</i>	X Ψ Lodge
Blanchard, Percy Wilson	<i>Danvers, Mass.</i>	Δ T House
Blossom, Harold Hill	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Boyden, Frank Learoyd	<i>Foxboro, Mass.</i>	Φ K Ψ House
Brearley, Lewis Gillingham	<i>Lawrenceville, N. J.</i>	Φ K Ψ House
Brewster, Harold Sidney	<i>Northampton, Mass.</i>	B Θ Π House
Briggs, Frank Lewis	<i>Attleboro, Mass.</i>	Φ Δ Θ House
Brown, Russell Christopher	<i>Holyoke, Mass.</i>	63 S. Pleasant St.
Bryant, Walter Thornton	<i>Chicopee, Mass.</i>	Θ Δ X House
Bulley, Frank Howell	<i>Brooklyn, N. Y.</i>	Δ K E House
Burke, Warren Judson	<i>Freedom, N. H.</i>	Θ Δ X House
Burnett, Theodore Ellsworth	<i>Chittenango, N. Y.</i>	Δ K E House
Carnell, Prentiss	<i>Albany, N. Y.</i>	X Ψ Lodge
Chard, Standish	<i>New York, N. Y.</i>	A Δ Φ House
Clancy, George Carpenter	<i>Brimfield, Mass.</i>	8 Woodside Ave.
Clapp, Ellery Carroll	<i>Northampton, Mass.</i>	4 N. Prospect St.
Clark, Almond Lucian	<i>Cortland, N. Y.</i>	Δ K E House
Clarke, William Dexter	<i>North Portland, Ore.</i>	7 Parsons St.
Cleeland, Robert James	<i>Springfield, Mass.</i>	X Φ House
Colleston, Clinton Henry	<i>Gardner, Mass.</i>	8 Woodside Ave.
Connell, Elmer Thomas	<i>Portland, Ore.</i>	X Ψ Lodge
Cook, Frank Adelbert	<i>Dudley, Mass.</i>	Gymnasium
Cook, Philip Russell	<i>Le Raysville, Pa.</i>	Δ T House



Cross, Frederick Bowen	<i>Springfield, Mass.</i>	Φ K X House
Dayton, Charles Henry	<i>Greenwich, Conn.</i>	Ψ T House
Dennen, Arthur Wilson	<i>West Gloucester, Mass.</i>	Φ Δ Θ House
Dugan, James	<i>Ware, Mass.</i>	63 S. Pleasant St.
Eastman, John	<i>Framingham, Mass.</i>	B Θ II House
Ells, Arthur Fairbanks	<i>Waterbury, Conn.</i>	A Δ Φ House
Fairbanks, Carlton Prescott	<i>Williamson, N. Y.</i>	54 Pleasant St.
Field, Edwin Fayette	<i>Worcester, Mass.</i>	8 Woodside Ave.
Ford, Grant	<i>Lowell, Mass.</i>	Δ K E House
Ford, James Levin, Jr.	<i>St. Louis, Mo.</i>	Ψ T House
Frizzell, John Henry	<i>Easthampton, Mass.</i>	Φ K Ψ House
Gibbs, Howard Brown	<i>Marathon, N. Y.</i>	19 Main St.
Giese, Henry William	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Gilpin, Thomas Bernard	<i>Digby, N. S.</i>	8 Lessey St.
Hamlin, Solyman Gregory	<i>Springfield, S. Dak.</i>	Θ Δ X House
Herrick, Louis Rowell	<i>Westfield, Mass.</i>	15 South College
Holton, Horace Flavel	<i>Springfield, Mass.</i>	X Φ House
Hoyt, Samuel Walter	<i>Portsmouth, N. H.</i>	2 Tyler Place
Hyde, Perley Charles	<i>Holyoke, Mass.</i>	Φ Γ Δ House
Jones, Isaac Hampshur	<i>Philadelphia, Pa.</i>	Ψ T House
Keay, Elmer Schofield	<i>Indianapolis, Ind.</i>	X Ψ Lodge
Keedy, David Homer	<i>Rohrersville, Md.</i>	25 College St.
Keith, Eldon Bradford	<i>Brockton, Mass.</i>	X Φ House
Kimball, Paul Wellington	<i>Plainfield, N. J.</i>	25 Woodside Ave.
King, Samuel Bowles	<i>Winnetka, Ill.</i>	Φ Δ Θ House
King, Walter Cogswell	<i>Gloucester, Mass.</i>	Φ Δ Θ House
Leonard, Harry Richmond	<i>Northampton, Mass.</i>	B Θ II House
Lum, Ernest Culver	<i>Chatham, N. J.</i>	Φ K Ψ House
McClelland, Robert Smiley	<i>Tabor, Iowa.</i>	B Θ II House
Magill, Andrew	<i>Whitinsville, Mass.</i>	1 Woodside Ave.
Maynard, Robert Washburn	<i>Newport, R. I.</i>	A Δ Φ House
Moore, Robert Spencer	<i>Lafayette, Ind.</i>	Ψ T House
Morse, Anson Ely	<i>Amherst, Mass.</i>	Δ K E House
Nelson, James Augustus	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Ott, John Nash	<i>Chicago, Ill.</i>	12 Lessey St.
Pease, Franklin Barber	<i>Portland, Me.</i>	Δ T House
Phillips, Nathan Carleton	<i>Gloucester, Mass.</i>	Φ Δ Θ House
Phillips, Robert Stanley	<i>Amherst, Mass.</i>	82 Pleasant St.
Pierce, Jason Noble	<i>Campello, Mass.</i>	X Φ House
Piper, William Sanford	<i>Worcester, Mass.</i>	Δ T House
Plimpton, Theodore Barnet	<i>Newton Centre, Mass.</i>	Ψ T House

Pope, Leonard Wainwright	<i>Great Barrington, Mass.</i>	11 North College
Randall, Henry Denison	<i>Groton, Conn.</i>	Δ Υ House
Reid, William	<i>Paxton, Mass.</i>	Δ Υ House
Sedgwick, Manton Russell	<i>Lenox, Mass.</i>	2 Tyler Place
Skillings, David Nelson, Jr.	<i>Winchester, Mass.</i>	X Φ House
Smith, James Whittemore	<i>Leicester, Mass.</i>	Φ Δ Θ House
Stevens, Harold Parker	<i>Hartford, Conn.</i>	B Θ Π House
Stiles, Meredith Newcomb	<i>Stonington, Conn.</i>	Δ Υ House
Stocking, Sylvan Myron	<i>Canton, N. Y.</i>	Δ K E House
Swift, William Henry, Jr.	<i>Honesdale, Pa.</i>	Δ Υ House
Taplin, Harry Blake	<i>Melrose Highlands, Mass.</i>	B Θ Π House
Titsworth, Godfrey Van Duzer	<i>Milwaukee, Wis.</i>	X Ψ Lodge
Trevoy, Wilmot Vivian	<i>Gloucester, Mass.</i>	Φ Δ Θ House
van Sicken, Matthew	<i>Cornwall, N. Y.</i>	A Δ Φ House
Wells, John Mason	<i>Palmer, Mass.</i>	2 Tyler Place
White, John Francis	<i>Wakefield, Mass.</i>	B Θ Π House
Whitelaw, Ralph Thomas	<i>St. Louis, Mo.</i>	Ψ Υ House
Williams, Richard Solomon	<i>Glastonbury, Conn.</i>	X Φ House
Wilson, Eugene Smith	<i>Brooklyn, N. Y.</i>	Ψ Υ House
Woodbury, Dwight Larcom	<i>West Newton, Mass.</i>	Δ Υ House
Woodward, Charles Alexander	<i>Wakefield, Mass.</i>	Ψ Υ House
Young, John Hichnor	<i>Upper Montclair, N. J.</i>	7 South College

# Junior Class

Anshutz, John Phillip †	<i>Cincinnati, Ohio</i>	Φ Γ Δ House
Armsby, Alfred Lincoln	<i>Millbury, Mass.</i>	Δ T House
Atwood, Albert William	<i>New York, N. Y.</i>	A Δ Φ House
Baker, Arthur George	<i>Chicopee, Mass.</i>	20 North College
Bartlett, Draper Cooke	<i>Chicago, Ill.</i>	Ψ T House
Beach, Edmund Chandler	<i>Riverside, Ill.</i>	X Φ House
Bell, Robert Walter, Jr.	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Bennett, Byard Wilmarth	<i>East Orange, N. J.</i>	3 Northampton Road
Birge, Arthur Blackmore †	<i>St. Louis, Mo.</i>	X Ψ Lodge
Bixby, Frederic King	<i>Woburn, Mass.</i>	Φ Δ Θ House
Boyer, Gouverneur Hammeken	<i>Pottsville, Pa.</i>	Δ K E House
Breed, James McVickar	<i>Malone, N. Y.</i>	9 Spring St.
Burdick, Henry Langworthy	<i>Westerly, R. I.</i>	Δ K E House
Burke, Thomas Francis	<i>Holyoke, Mass.</i>	Φ Δ Θ House
Cadieus, Louis Edouard	<i>Holyoke, Mass.</i>	Φ Δ Θ House
Clark, Edward Kissam, Jr.	<i>Binghamton, N. Y.</i>	Φ Δ Θ House
Clarke, Ralph Huntington	<i>North Portland, Ore.</i>	7 Parsons St.
Conant, William Francis	<i>Littleton, Mass.</i>	Δ T House
Darby, Arthur Burlingame †	<i>North Adams, Mass.</i>	A Δ Φ House
DeWolf, Joseph Cressy	<i>Lyme, Conn.</i>	Δ T House
Ewen, Alexander Cantlay	<i>Plainville, Mass.</i>	B Θ Π House
Favour, Alpheus Hoyt	<i>Natick, Mass.</i>	Φ Δ Θ House
Field, Frederick Alfred, Jr.	<i>Rutland, Vt.</i>	Δ K E House
Fisher, Elisha Lynn	<i>Oneonta, N. Y.</i>	Δ K E House
Foster, Arthur Trow	<i>Beverly, Mass.</i>	Δ K E House
Getchell, Thomas Gardner	<i>Machias, Me.</i>	B Θ Π House
Gould, Henry Black	<i>Southport, Conn.</i>	Ψ T House
Griswold, Clyde Tyler	<i>Cortland, N. Y.</i>	Δ K E House
Haradon, Roland Shaw	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Hardy, Edgar Drury	<i>Waterville, Me.</i>	Θ Δ X House
Hayes, Joseph Wanton	<i>Rochester, N. Y.</i>	A Δ Φ House
Hildreth, Robert Dudley	<i>Westfield, Mass.</i>	A Δ Φ House
Hildreth, Walter Almerian	<i>Pomfret Centre, Conn.</i>	Φ Δ Θ House

Homer, Roland Mather	<i>St. Louis, Mo.</i>	X Ψ Lodge
Johnson, Herman Norton	<i>Binghamton, N. Y.</i>	Φ K Ψ House
Kauffman, Ray Barr	<i>Des Moines, Iowa</i>	X Ψ Lodge
Lake, David Harry	<i>Binghamton, N. Y.</i>	A Δ Φ House
Leary, William Henry	<i>Hatfield, Mass.</i>	Φ Γ Δ House
Lincoln, Clarence Arthur	<i>Trenton, Neb.</i>	Φ K Ψ House
Longman, Edward George	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Maloney, John Phillip	<i>Northampton, Mass.</i>	17 South College
Marble, William Carey	<i>Los Angeles, Cal.</i>	Ψ T House
Miller, Sherman Ralsey, Jr.†	<i>Detroit, Mich.</i>	Ψ T House
Morgan, William Conant	<i>Plainfield, N.J.</i>	Φ Δ Θ House
Morton, Allan Lloyd	<i>Holyoke, Mass.</i>	Φ Γ Δ House
Murdock, James Maxwell	<i>Woburn, Mass.</i>	Φ Δ Θ House
Park, James Williams	<i>Walden, N. Y.</i>	Δ K E House
Patrick, George Neill	<i>Brooklyn, N. Y.</i>	Ψ T House
Phalen, Paul Stephens	<i>Worcester, Mass.</i>	Δ K E House
Pratt, William Jay, Jr.	<i>Des Moines, Iowa</i>	X Ψ Lodge
Priddy, Tom DeWitt	<i>Findlay, Ohio</i>	X Φ House
Rhodes, Marcus Arnold	<i>Taunton, Mass.</i>	A Δ Φ House
Robson, James Smith	<i>Lisbon Centre, N. Y.</i>	B Θ Π House
Sharpe, John	<i>Dundee, Scotland</i>	Φ Γ Δ House
Shearer, Frederick William	<i>Holyoke, Mass.</i>	Φ Γ Δ House
Smith, Charles Thomas Gray	<i>Sidney, N. Y.</i>	B Θ Π House
Snushall, Wilson	<i>Scipioville, N.Y.</i>	2 S. Pleasant St.
Sobotky, Irving	<i>Northampton, Mass.</i>	B Θ Π House
Stearns, Foster Waterman	<i>Newton, Mass.</i>	A Δ Φ House
Stevens, John Howard	<i>Worcester, Mass.</i>	Θ Δ X House
Stone, Frederic Nathaniel	<i>Auburn, Mass.</i>	Δ T House
Tay, Frederick Spence	<i>Salem, Mass.</i>	X Φ House
Taylor, James Stephen	<i>Pierce, Neb.</i>	Φ K Ψ House
Tead, Stanley Hovey	<i>Somerville, Mass.</i>	A Δ Φ House
Thompson, Charles Blanchard	<i>Attleboro, Mass.</i>	25 College St.
Thorp, Abner, Jr.	<i>Cincinnati, Ohio</i>	X Φ House
Varnum, Harold Abbott	<i>Lowell, Mass.</i>	Θ Δ X House
Warren, Clifford Parker	<i>Springfield, Mass.</i>	B Θ Π House
Washburn, Walter Rice	<i>Springfield, Mass.</i>	X Φ House
Wells, Elisha Edward	<i>Hatfield, Mass.</i>	Φ Γ Δ House
Whitney, Stanley Nathan	<i>South Westminster, Mass.</i>	Θ Δ X House
Winsor, Dwight Oscar	<i>Marshall, Mich.</i>	Prospect House.
Young, James Cathcart	<i>North Shields, England</i>	Φ K Ψ House

# Sophomore Class

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Allen, Harold Bickford	<i>Boston, Mass.</i>	23 South College
Amidon, Ralph C.	<i>Worcester, Mass.</i>	19 South College
Armstrong, Lewis Martin	<i>Sunderland, Mass.</i>	3 South College
Baker, Robert Horace	<i>Springfield, Mass.</i>	Φ K Ψ House
Ballard, Howard Thompson	<i>Hampden, Mass.</i>	B Θ II House
Ballou, Charles Everett	<i>Worcester, Mass.</i>	Φ Γ Δ House
Bartlett, Donald Lord	<i>Poughkeepsie, N. Y.</i>	A Δ Φ House
Baumann, Albert Otto	<i>Freemont, Ohio</i>	A Δ Φ House
Beam, Charles Willett	<i>Passaic, N. J.</i>	25 South College
Biram, James Harrington	<i>West Dennis, Mass.</i>	B Θ II House
Bishop, Merrill	<i>New York, N. Y.</i>	A Δ Φ House
Brown, Charles Hiram, Jr.	<i>Belmont, N. Y.</i>	Θ Δ X House
Brown, Thomas Clachar	<i>Fitchburg, Mass.</i>	69 S. Pleasant St.
Bulkley, Nathan Cowperthwaite	<i>Danbury, Conn.</i>	25 North College
Burgess, John	<i>Newark, N. Y.</i>	5 School St.
Chase, Heman Baker	<i>Hyannis, Mass.</i>	Φ K Ψ House
Clark, Vernon Seymour	<i>Binghamton, N. Y.</i>	26 South College
Clarke, Daniel Benjamin	<i>East Granby, Conn.</i>	Φ K Ψ House
Clymer, John Linda	<i>Albany, N. Y.</i>	X Ψ Lodge
Collins, Louis Martin	<i>Homer, N. Y.</i>	12 South College
Conant, Harrison Josiah	<i>Worcester, Mass.</i>	11 South College
Cope, DeWitt Tilden	<i>Hamilton, Ohio</i>	5 Parsons St.
Craig, Bernard John	<i>Springfield, Mass.</i>	69 S. Pleasant St.
Daniels, Henry Elkins	<i>Chicago, Ill.</i>	22 South College
Dobbins, John Gerry	<i>Montclair, N. J.</i>	X Ψ Lodge
Dodge, Arthur Farwell	<i>Beverly, Mass.</i>	25 North College
Dow, Fayette Brown	<i>Rochester, N. Y.</i>	A Δ Φ House
Dow, Leland Brown	<i>Rochester, N. Y.</i>	A Δ Φ House
Dunleavy, John Francis	<i>Amherst, Mass.</i>	B Θ II House
Dutcher, Warren Whitney	<i>Hopedale, Mass.</i>	Φ Γ Δ House
Eastman, Joseph Bartlett	<i>Pottsville, Pa.</i>	32 South College
Eaton, Edward Josiah	<i>Sidney, N. Y.</i>	2 S. Pleasant St.
Eveleth, Samuel Chester	<i>Marblehead, Mass.</i>	5 Parsons St.
Fitts, Charles Tabor	<i>Mansfield, Mass.</i>	Θ Δ X House
Foster, Alfred Leonard	<i>La Crosse, Wis.</i>	X Ψ Lodge

Fox, Warren Wyman	<i>Dracut, Mass.</i>	Φ Γ Δ House
Freeman, Ralph	<i>Cortland, N. Y.</i>	19 Main St.
Funk, Merton Layton	<i>West New Brighton, N. Y.</i>	19 Main St.
Goold, Edgar Hunt	<i>Albany, N. Y.</i>	A Δ Φ House
Gray, Harry Graham	<i>Winchester, Mass.</i>	30 South College
Hamilton, William Irving	<i>Elizabeth, N. J.</i>	31 South College
Hartshorne, Isaac	<i>Methuen, Mass.</i>	11 South College
Hawkins, Layton S.	<i>Cortland, N. Y.</i>	9 South College
Howard, Henry Remington	<i>Rochester, N. Y.</i>	A Δ Φ House
Hoyt, George Horatio	<i>Homer, N. Y.</i>	9 South College
Huyck, Ralph Pryne	<i>Herkimer, N. Y.</i>	Δ T House
Ide, Ernest Monroe	<i>Webster, Mass.</i>	15 North College
Johonnott, Walter Ware	<i>Burlington, Vt.</i>	30 South College
Jones, Sydney Franklyn	<i>Elizabeth, N. J.</i>	Δ K E House
Jones, Walter Elisha	<i>Massillon, Ohio</i>	B Θ II House
Joost, Sherman Brownell	<i>Brooklyn, N. Y.</i>	Δ K E House
Kane, John Francis	<i>Gardiner, Me.</i>	Θ Δ X House
Kershaw, Alfred Blanchard	<i>West Newton, Mass.</i>	Δ K E House
King, Lawrence Howard	<i>Malone, N. Y.</i>	Ψ T Lodge
King, Stanley	<i>Springfield, Mass.</i>	Δ K E House
Krug, Adolph Nicolaus	<i>Antrim, N. H.</i>	16 South College
Lance, Harold Benjamin	<i>Wilkes-Barre, Pa.</i>	Φ Γ Δ House
LeBosquet, Henry	<i>Little Rock, Ark.</i>	X Ψ Lodge
Legg, Chester Arthur	<i>Decatur, Ill.</i>	4 South College
Livingston, Albert Arthur	<i>Attleboro, Mass.</i>	Φ Γ Δ House
Lowe, Joseph Albert	<i>Fitchburg, Mass.</i>	Θ Δ X House
Lund, Harry Gardner	<i>Everett, Mass.</i>	Θ Δ X House
McCluney, James	<i>St. Louis, Mo.</i>	Ψ T House
McCoy, Francis James	<i>Amherst, Mass.</i>	46 McClellan St.
McEvoy, Edward William	<i>North Brookfield, Mass.</i>	20 South College
Marcy, Edwin Lowell	<i>Webster, Mass.</i>	12 S. Prospect St.
Marquis, Charles Atkins †	<i>St. Louis, Mo.</i>	Ψ T House
Merchant, Ely Othman	<i>Montague, Mass.</i>	Physical Laboratory
Merrill, Stephen Griffin	<i>Albany, N. Y.</i>	9 College St.
Moore, Heath	<i>Brooklyn, N. Y.</i>	Φ K Ψ House
Morris, Frank Bowen	<i>Charlestown, S. C.</i>	Hitchcock Hall
Morse, William Northrop	<i>Amherst, Mass.</i>	28 Northampton Road
Newell, Gordon Gerald	<i>Amherst, Mass.</i>	8 South Prospect
O'Donnell, James Herlihy	<i>Holyoke, Mass.</i>	Φ Δ Θ House
Otis, Kenneth Rouse	<i>Northampton, Mass.</i>	22 South College
Owens, Walter Scott	<i>West Winfield, N. Y.</i>	15 Spring St.

Packard, Harrison Lloyd	<i>Bridgewater, Mass.</i>	Gymnasium
Paine, John Colwell	<i>Chicago, Ill.</i>	B Θ II House
Palmer, Percival Bowditch, Jr.	<i>Chicago, Ill.</i>	22 South College
Perry, Charles Francis	<i>Brockport, N. Y.</i>	26 South College
Petersen, J��rgen Conrad	<i>Plymouth, Mass.</i>	A North College
Pond, George Kimball	<i>Greenfield, Mass.</i>	Φ K Ψ House
Porter, Chester Arnold	<i>Elizabeth, N. J.</i>	31 South College
Pratt, Alvord	<i>Elmira, N. Y.</i>	A Δ Φ II House
Quill, James John	<i>Holyoke, Mass.</i>	1 North College
Raub, Joseph Martin, Jr.	<i>Brooklyn, N. Y.</i>	B Θ II House
Ray, Richard Johnson	<i>Lacrosse, Wis.</i>	5 Parsons St.
Richardson, Henry Stephen	<i>Amherst, Mass.</i>	3 College St.
Roberts, John Willard	<i>Hartford, Conn.</i>	15 North College
Roe, Alfred Isaac	<i>Brockton, Mass.</i>	6 Lincoln Ave.
Rooney, Francis James	<i>Worcester, Mass.</i>	19 South College
Salyer, Sanford Meddick	<i>Dunkirk, N. Y.</i>	1 South College
Sanders, Clayton Rowley	<i>South Cortland, N. Y.</i>	3 Hitchcock Hall
Savage, Austin Anthony	<i>Lowell, Mass.</i>	6 Lincoln Ave.
Scott, Douglass Grant	<i>Asbury Park, N. J.</i>	X Φ House
Seckendorff, Theodore Waldemar †	<i>Washington, D. C.</i>	X Φ House
Shay, John Burke	<i>Dalton, Mass.</i>	5 School St.
Shea, Joseph Edward	<i>Willimansett, Mass.</i>	Φ K Ψ House
Smith, Gordon Cyril	<i>Webster, So. Dak.</i>	Θ Δ X House
Stearns, Maurice Harrison	<i>Jamestown, R. I.</i>	X Ψ Lodge
Storke, Paul Davie	<i>Auburn, N. Y.</i>	Ψ T House
Stowell, Raymond Henry	<i>Amherst, Mass.</i>	193 South Pleasant St.
Sturgis, Fred Eugene, Jr.	<i>Natick, Mass.</i>	25 College St.
Symington, Donald Leith	<i>Baltimore, Md.</i>	16 Lincoln Ave.
Taylor, Harry Edwin	<i>Elizabeth, N. J.</i>	31 South College
Thompson, Fred Loring	<i>West Newton, Mass.</i>	Θ Δ X House
Thompson, Karl Owen	<i>Springfield, Mass.</i>	Library
Townsend, Winfield Alonzo	<i>Batavia, N. Y.</i>	Θ Δ X II House
Turner, Paul Akers	<i>Portland, Me.</i>	Φ Δ Θ House
Vosburgh, William Ledley	<i>Canajoharie, N. Y.</i>	12 South College
Wakefield, Ernest Timothy	<i>Reading, Mass.</i>	2 Tyler Place
Wheeler, Frank, Edward	<i>Athol, Mass.</i>	Physical Laboratory
Whitcomb, Ernest Miller	<i>Worcester, Mass.</i>	9 Spring St.
Whitmore, Francis Epaphroditus	<i>Greene, N. Y.</i>	25 North College
Wooster, Earl Stanley	<i>I Homer, N. Y.</i>	16 South College



# Freshman Class

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Adams, Henry, Jr.	<i>Springfield, Mass.</i>	12 North College
Alpers, Ernest	<i>Westfield, N. J.</i>	32 North College
Anderson, John Garfield	<i>Wollaston, Mass.</i>	18 South College
Baily, Edward Ayres	<i>Brooklyn, N. Y.</i>	12 Spring St.
Baldwin, Fritz Walter, Jr.	<i>East Orange, N. J.</i>	19 Main St.
Beers, Herbert Stewart	<i>Waterford, N. Y.</i>	13 S. Prospect St.
Benedict, William Raiguel	<i>South Natick, Mass.</i>	3 North College
Bennett, Charles Ernest	<i>Ludlow, Mass.</i>	28 Amity St.
Bixby, Sidney Tuttle	<i>St. Louis, Mo.</i>	8 North College
Blyth, Charles Reginald	<i>Ashtabula, Ohio</i>	Ψ T House
Bond, Joseph Waldo	<i>Waltham, Mass.</i>	27 South College
Bostwick, Curtis James	<i>Owego, N. Y.</i>	19 North College
Bottomly, Robert James	<i>Worcester, Mass.</i>	7 Parsons St.
Boynton, Daniel Wilcox	<i>Detroit, Mich.</i>	31 North College
Boynton, George Holmes	<i>Newton Centre, Mass.</i>	21 North College
Brigham, Arthur Abel	<i>Amherst, Mass.</i>	61 Amity St.
Broder, Edward William	<i>Rockville, Conn.</i>	12 Spring St.
Brown, George Alfred	<i>New Salem, Mass.</i>	91 S. Pleasant St.
Browne, Evans	<i>Washington, D. C.</i>	3 Northampton Road
Burnett, Fred Weld	<i>Chittenango, N. Y.</i>	6 North College
Cartier, Prescott	<i>Ashfield, Mass.</i>	2 S. Pleasant St.
Chandler, Willis Derwin	<i>New York, N. Y.</i>	4 North College
Clark, John Maurice	<i>New York, N. Y.</i>	5 North College
Coggeshall, Harold Frederic	<i>Waterville, N. Y.</i>	12 Lessey St.
Crawford, William	<i>Holyoke, Mass.</i>	86 Main St.
Crook, Frank Delbert	<i>Amherst, Mass.</i>	1 College Ave.
Crook, Harold Richard	<i>Ballard, Wash.</i>	1 College Ave.
Crossett, Edward Clark	<i>Davenport, Iowa</i>	12 Spring St.
Crowell, Joseph Dexter	<i>Brooklyn, N. Y.</i>	13 North College
Cruikshank, Dwight Phelps	<i>Montclair, N. J.</i>	26 North College
Daskam, Benjamin James	<i>Stamford, Conn.</i>	27 South College
Derbyshire, Arthur James	<i>Lawrence, Mass.</i>	17 S. Prospect St.
Diehl, Leonard George	<i>Natick, Mass.</i>	22 North College
Dyer, Brainerd	<i>Portland, Me.</i>	12 North College
Eaton, William David	<i>Somerville, Mass.</i>	6 South College
Edgecomb, Ralph Waldo Emerson	<i>Worcester, Mass.</i>	17 S. Prospect St.



Edmunds, Louis Lake	<i>Fredonia, N. Y.</i>	6 North College
Ellis, George William	<i>Monson, Mass.</i>	19 Main St.
Fort, Leslie Runyon	<i>East Orange, N. J.</i>	23 North College
Fribbs, John	<i>Northampton, Mass.</i>	
Fuess, Claude Moore	<i>Waterville, N. Y.</i>	17 S. Prospect St.
Gardner, Edward Hall	<i>Chatham, N. J.</i>	28 South College
Gaylord, Emerson George	<i>Chicopee, Mass.</i>	14 South College
Gilbert, James LeRoy	<i>Brookfield, Mass.</i>	1 College Ave.
Green, George Henry Bartlett, Jr.	<i>Belchertown, Mass.</i>	28 Amity St.
Greenaway, David Emerson	<i>Indian Orchard, Mass.</i>	86 Main St.
Grover, Harry Greenwood	<i>Halifax, Mass.</i>	67 S. Pleasant St.
Hale, Fraray, Jr.†	<i>Wallingford, Conn.</i>	13 South College
Hartgrove, Robert Sinclair	<i>Washington, D. C.</i>	17 South College
Hayden, Frank Strong	<i>Wyoming, N. Y.</i>	3 North College
Hayes, George	<i>St. Louis, Mo.</i>	9 North College
Hays, Leland	<i>Albany, N. Y.</i>	8 Woodside Ave.
Hemenway, Ralph Wilbur	<i>Hopkinton, Mass.</i>	Φ K Ψ House
Hewitt, Ralph Halladay	<i>New London, Conn.</i>	Prospect House
Holmes, Vancleve	<i>Lima, Ohio</i>	25 College St.
Hopkins, Charles Thomas	<i>Brooklyn, N. Y.</i>	12 Spring St.
Hussey, Elisha Frank†	<i>Buffalo, N. Y.</i>	13 South College
Hutchings, William Thomas	<i>West Danby, N. Y.</i>	27 North College
Judge, Francis Henry	<i>Worcester, Mass.,</i>	28 South College
Keep, Clifford Holcombe	<i>Brooklyn, N. Y.</i>	D North College
Kelley, James Matthew	<i>Nashua, N. H.</i>	F North College
Kelliher, Jeremiah Henry	<i>North Brookfield, Mass.</i>	20 South College
Kennedy, Ralph Anderson	<i>Mansfield, Mass.</i>	1 Woodside Ave.
Knapp, Walter Chandler	<i>Canandaigua, N. Y.</i>	5 North College
Kneeland, Robert Shepherd	<i>Northampton, Mass.</i>	E North College
Knight, Octavius, Jr.	<i>Westfield, N. J.</i>	32 North College
Leach, Alfred Buckingham	<i>Saxton's River, Vt.</i>	37 Amity St.
Lewis, Clifford Benson	<i>West Somerville, Mass.</i>	6 South College
Lynch, Maurice Alphonse	<i>South Hadley Falls, Mass.</i>	6 Lincoln Ave
McMillan, Roy Alexander	<i>Northampton, Mass.</i>	B North College
McPhee, James. Jr.	<i>Newton, Mass.</i>	71 S. Pleasant St.
McTernan, Charles Clair	<i>South Walpole, Mass.</i>	5 School St
Marsh, Stephen Victor	<i>Corning, N. Y.</i>	31 Pleasant St.
Meriwether, Robert Henry	<i>Washington, D. C.</i>	Dana St.
Moon, Ward Clinton	<i>Gravesville, N. Y.</i>	A South College
Nash, Alexander Symonds	<i>Chicopee, Mass.</i>	14 South College
Neill, Mather Humphrey	<i>Amherst, Mass.</i>	3 Northampton Road

Nickerson, Francis Chester	<i>Lansingburgh, N. Y.</i>	55 S. Pleasant St.
Noble, Albert Frank	<i>Somerville, Mass.</i>	6 South College
O'Brien, John Bayley	<i>Brooklyn, N. Y.</i>	14 North College
O'Connor, George Washington	<i>New York, N. Y.</i>	25 College St.
Odell, Henry Lefavour	<i>Beverly, Mass.</i>	16 North College
Orrell, Ephraim English	<i>Ware, Mass.</i>	29 North College
Ottley, William Vrooman	<i>Geneva, N. Y.</i>	30 North College
Palmer, Walter Walker	<i>Southfield, Mass.</i>	29 North College
Parsons, Chauncey Lyman	<i>Northampton, Mass.</i>	
Patch, Ralph Shattuck	<i>Brattleboro, Vt.</i>	5 School St.
Peabody, Charles Irving	<i>Danvers Centre, Mass.</i>	1 Woodside Ave.
Pease, Robert Webster	<i>Conway, Mass.</i>	East St.
Pierce, Franklin Edwin	<i>De Ruyter, N. Y.</i>	A South College
Raftery, John Joseph	<i>Worcester, Mass.</i>	19 South College
Rathbun, William Tompkins	<i>Elmira, N. Y.</i>	3 Northampton Road
Richardson, George Warren	<i>Boulder, Colo.</i>	A Δ Φ House
Richardson, Royal Paul	<i>Dracut, Mass.</i>	6 Northampton Road
Roberts, Alfred Edward	<i>Greene, N. Y.</i>	27 North College
Rollins, Ralph Eugene	<i>Des Moines, Iowa</i>	10 South College
Rounseville, Wilfred Ellsworth	<i>Attleboro, Mass.</i>	14 North College
Ryan, Elmer Ellsworth	<i>Apalachin, N. Y.</i>	19 North College
Schwab, George	<i>Clinton, Mass.</i>	5 School Street
Simms, Nelson Cornelius	<i>Herkimer, N. Y.</i>	Δ T House
Smith, Philip Alden	<i>Duluth, Minn.</i>	10 South College
Smith, Verne Waldo	<i>Amsterdam, N. Y.</i>	6 Maple Ave.
Spaulding, Walter Virgil	<i>Worcester, Mass.</i>	17 South Prospect St.
Squire, Roger Nelson	<i>New York, N. Y.</i>	5 South College
Stone, Clarence Nelson	<i>Fryeburg, Me.</i>	6 Northampton Road
Sturgis, Ashley Barnes	<i>Natick, Mass.</i>	25 College St.
Taylor, John Adams	<i>Westford, Mass.</i>	18 South College
Thomas, Charles Frank	<i>Union City, Pa.</i>	2 S. Pleasant St.
Utter, George Benjamin	<i>Westerly, R. I.</i>	60 S. Pleasant St.
VanEtten, Edwin Hill	<i>Rhinebeck, N. Y.</i>	69 S. Pleasant St.
Wales, William Wallace	<i>West Newton, Mass.</i>	22 North College
Warren, Henry Edward	<i>Newton Highlands, Mass.</i>	22 North College
Weed, Hugh Howiston Craigie	<i>Stamford, Conn.</i>	5 School St.
Westphal, Alfred Frederick	<i>Michigan City, Ind.</i>	College Library
Wing, Richard Deland	<i>Brooklyn, N. Y.</i>	B South College
Woods, Josiah Bridges	<i>Hatfield, Mass.</i>	31 North College

*Summary*

FELLOWS AND RESIDENT GRADUATES . . . . .	5
SENIORS . . . . .	95
JUNIORS . . . . .	73
SOPHOMORES . . . . .	115
FRESHMEN . . . . .	116
TOTAL . . . . .	404

## CLASSIFICATION BY RESIDENCE

THE UNITED STATES			
Massachusetts . . . . .	178	Wisconsin . . . . .	3
New York . . . . .	98	Maryland . . . . .	2
New Jersey . . . . .	21	Nebraska . . . . .	2
Connecticut . . . . .	19	South Dakota . . . . .	2
Illinois . . . . .	8	Arkansas . . . . .	1
Maine . . . . .	8	California . . . . .	1
Missouri . . . . .	8	Colorado . . . . .	1
Ohio . . . . .	8	Minnesota . . . . .	1
Pennsylvania . . . . .	7	South Carolina . . . . .	1
Iowa . . . . .	5	Washington . . . . .	1
District of Columbia . . . . .	4		400
New Hampshire . . . . .	4	OTHER COUNTRIES	
Rhode Island . . . . .	4	England . . . . .	1
Vermont . . . . .	4	France . . . . .	1
Indiana . . . . .	3	Nova Scotia . . . . .	1
Michigan . . . . .	3	Scotland . . . . .	1
Oregon . . . . .	3		404

# Award of Fellowships

1900-1901

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ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Preserved Smith, B.A. (1901)

RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

Frank Otis Reed, B.A. (1899)

SOUTH END HOUSE FELLOWSHIP

Rufus Edward Miles, B.A. (1899)

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# Award of Honors

1900-1901

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COMMENCEMENT SPEAKERS

Ernest Hatch Wilkins  
Loren Henry Rockwell  
John Allen Marsh  
William Whitfield Lamb  
Harvey Johnson Elam  
Charles Eugley Mathews

PHI BETA KAPPA

FIRST DRAWING (SENIORS)

Hermon Fiske Bell  
Harvey Johnson Elam  
William Whitfield Lamb  
John Allen Marsh  
Harwood Allan Sheppard

SECOND DRAWING (SENIORS)

Herbert Pierrepont Houghton  
Charles Eugley Mathews  
Thomas Melvine Proctor  
Loren Henry Rockwell  
Edward Church Smith  
Stuart Walker

FIRST DRAWING (JUNIORS)

Henry William Giese  
Robert Washburn Maynard  
Wilmot Vivian Trevoy  
Matthew van Sielen

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Award of Prizes

1900-1901

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HUTCHINS GREEK PRIZE — JUNIOR

Henry William Giese  
Wilmot Vivian Trevoy

BERTRAM LATIN PRIZES — SENIOR

*First Prize:* Ralph Mossman Stoughton  
*Second Prize:* Albert Weeks Hunt  
*Third Prize:* Harwood Allan Sheppard

## BILLINGS LATIN PRIZES — SENIOR

*First Prize* : Ralph Mossman Stoughton*Second Prize* : Albert Weeks Hunt

## LAW LATIN PRIZE — SENIOR

Walter Cook Longstreth

## THOMPSON LATIN PRIZES — JUNIOR

*First Prize* : Matthew van Siden*Second Prize* : Wilmot Vivian Trevoy*Third Prize* : Harry Blake Taplin

## SPECIAL JUNIOR LATIN PRIZES

*First Prize* : Harwood Allan Sheppard*Second Prize* : Henry William Giese

## SOPHOMORE LATIN PRIZES

*First Prize* : Clifford Parker Warren*Second Prize* : Draper Cooke Bartlett

## FRESHMAN LATIN PRIZES

*First Prize* : Edgar Hunt Goold*Second Prize* : Stanley King

## BOYNTON BIBLICAL LITERATURE PRIZES — JUNIOR

*First Term* : Andrew Magill*Second Term* : Andrew Magill*Third Term* : Rowland Backus Dodge

## KELLOGG PRIZES

*Sophomore* : Elisha Lynn Fisher*Freshman* : Heath Moore

## HARDY PRIZES — SENIOR

*First Prize* : Noble Strong Elderkin, Jr.*Second Prize* : Henry Clinton Newell

HYDE PRIZE — SENIOR

Noble Strong Elderkin, Jr.

BOND PRIZE — SENIOR

Harvey Johnson Elam

KENT PRIZE — SENIOR

Nathaniel Lewis Goodrich

WALKER MATHEMATICAL PRIZE — SOPHOMORE

Roland Shaw Haradon

PORTER PRIZE — SENIOR

Elmer Wesley Wiggins

SAWYER MEDALS — SOPHOMORE

*Gold Medal*: Joseph Wanton Hayes

*Bronze Medal*: Charles Willett Beam

A. LYMAN WILLISTON PRIZE — SOPHOMORE

Charles Tabor Fitts

PORTER ADMISSION PRIZE — FRESHMAN

Francis Chester Nickerson

*(prepared at the Albany and Lansingburgh Academies, New York)*

*Honorable Mention*: Edwin Hill VanEtten

*(prepared at the Riverview Military Academy and Rhinebeck High School, New York)*

LELAND PRIZE

The Junior Class (Class of 1902)

WOODS PRIZE — SENIOR

Elmer Wesley Wiggins

## LADD PRIZES — JUNIOR

*Fall Term Orations*

Raymond Ballantine  
Frank Lewis Briggs  
George Carpenter Clancy  
Arthur Fairbanks Ells  
David Homer Keedy  
Andrew Magill  
James Augustus Nelson  
Jason Noble Pierce  
William Reid  
William Henry Swift, Jr.  
Matthew van Sicken  
Eugene Smith Wilson

*Winter Term Orations*

James Daniel Beard  
Lewis Gillingham Brearley  
Harold Sidney Brewster  
Prentiss Carnell  
William Reid

## ARMSTRONG PRIZES — FRESHMAN

*First Prizes :* { Stanley King  
                  { Francis James Rooney  
*Second Prizes :* { Walter Elisha Jones  
                  { Jörgen Conrad Petersen  
*Third Prizes :* { DeWitt Tilden Cope  
                  { Karl Owen Thompson



# Degrees Conferred in 1901

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## *Degrees in Course*

### Bachelors of Arts

#### *Magna cum laude*

Hermon Fiske Bell  
Harvey Johnson Elam  
William Whitfield Lamb

John Allen Marsh  
Charles Eugley Mathews  
Ernest Hatch Wilkins

#### *Cum laude*

Francis Goodell Barnum  
Edwin Cushman Buffum  
Morris Bradford Butler  
Harry Howard Clutia  
John Elliot Denham  
Rowland Backus Dodge  
Noble Strong Elderkin, Jr.  
George Bell Ennever  
Andrew Foster Hamilton  
Edwin Chester Hawley  
Ralph Chipman Hawley  
John Rutherford Herrick  
Herbert Pierrepont Houghton  
Albert Weeks Hunt  
Frederick Klemm Kretschmar  
Walter Cook Longstreth

Harry Burnett Miller  
Harry Brainerd Mitchell  
Frederick Franklin Moon  
Ernest Williams Pelton  
Thomas Melville Proctor  
Loren Henry Rockwell  
Harwood Allan Sheppard  
Edward Church Smith  
Preserved Smith  
Ralph Mossman Stoughton  
John Leonard Vanderbilt  
Frank Edward Wade  
Stuart Walker  
Joseph Warner  
Reuben Field Wells

#### *Rite*

James Trumbull Abbott  
John P. Adams  
William Brooks Baker  
Will Darling Ballantine  
Leonard Walter Bates

Howard Francis Bidwell  
Maitland Lathrop Bishop  
Charles Chambers  
Arthur Rockwell Couch  
John James Danahey

Henry Keyes Eastman	George Herbert McIlvaine
Maurice Lawrence Farrell	Oliver Edward Merrell
Jeremiah Francis Ganey	Henry Samuel Moore
William Goodell	Harry Van Deventer Moore
Nathaniel Lewis Goodrich	John Frank Phillips
Bryant Mower Harroun	Charles Edward Robertson
Gilbert Johnston Hurty	Alfred Willard Southgate
George David Jenifer	Walter Francis Stutz
Harry Marsh Kittredge	Guy Frederick Swinington
Charles Nelson Lovell	Eastwood Pillsbury Thompson

### Bachelors of Science

#### *Cum laude*

George Miller Bartlett	Charles Horace Pattee
William Minott Clark	Arthur Whittlesey Towne
Henry Clinton Newell	Elmer Wesley Wiggins
Edwin Satterthwait Parry	

#### *Rite*

Frank Williams Burrows	Charles Lewis Morse
Clare J. Crary	William Riley Rushmore
Willard Winthrop Everett	Estes Burnett Sanford
William Smith Hatch	Albert Leisenring Watson
Aubrey Constantine Kretschmar	

### Masters of Arts

Henry Evarts Gordon, B.A. (1879)  
 Horatio Bannister Newell, B.A. (1883)  
 Elbert William Rockwood, B.S. (1884)  
 Charles Huntington Smith, B.A. (1885)  
 Frank Monroe Tiffany, B.A. (1891)  
 Edward Russell Evans, B.A. (1894)  
 Albert Bell Tyler, B.A. (1894)  
 Leon Howard Ensworth, B.A. (1896)  
 Frank Alanson Lombard, B.A. (1896)  
 Charles Wiggins Cobb, B.A. (1897)  
 Albert Franklin Gilman, B.S. (1897)  
 Gilbert Hovey Grosvenor, B.A. (1897)  
 Austin Baxter Keep, B.A. (1897)  
 George Rogers Mansfield, B.S. (1897)  
 Thomas Jefferson McEvoy, B.A. (1897)  
 Clinton Aaron Strong, B.S. (1898)

*Honorary Degrees*

Master of Arts

LOUIS PHILLIP NASH

Doctors of Letters

WILLIAM COE COLLAR, M.A.

Professor FRED MORRIS WARREN, PH.D.

Doctor of Divinity

Rev. Professor ARTHUR LINCOLN GILLET, M.A.

Doctors of Laws

Professor HENRY STEPHEN REDFIELD, M.A.

Professor ALEXANDER GRAHAM BELL, PH.D., LL.D.

# Admission

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ALL candidates for admission to College must present satisfactory testimonials of good moral character.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies which lead to the several courses.

## REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

### GROUP 1

Latin I, II  
Greek I, II  
Mathematics I  
English  
History I

### GROUP 2

{ Latin I, II and Greek I  
or  
{ Greek I, II and Latin I  
Mathematics I  
English  
History I

In addition, there shall be one subject from the following list :—

French I  
German I  
History II  
Physics  
Chemistry  
Mathematics II

GROUP 3

{ Latin I, II  
or  
{ Greek I, II  
Mathematics I  
English  
History I

In addition there shall be, from the following list, three subjects, one of which shall be a modern language and one an advanced subject.

*Elementary*

French I  
German I  
History II  
Physics  
Chemistry

*Advanced*

French II  
German II  
Mathematics II

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

REQUIREMENTS FOR BACHELOR OF SCIENCE COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satis-

factory qualifications in the following subjects according to the specifications given under each subject.

- (1) { English  
History I  
History II  
Elementary mathematics
- (2) { Chemistry or  
Physics
- (3) Two of the following optionals :—  
French I  
German I  
Latin

(a) A candidate may present either minimum or maximum Latin.

*Minimum requirement* (not to be followed by the study of Latin in college): Cæsar's *Gallic War*, books I–IV; Cicero, three orations, or Vergil's *Æneid*, books I and II. *Maximum requirement*: Elementary and advanced Latin, as specified for the B.A. course.

(b) A candidate who presents maximum Latin may select the remaining requirements from the lists given on pages 36, 37.

(c) Any student who presents maximum Latin at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for one college year.

(d) After 1903 every candidate must present Latin I, or Latin I, II, and French I, or German I. If Latin II is not presented, two points shall be made from the following lists :— (French I, German I, French II, German II, Chemistry, Physics), 2 points each; (Solid Geometry, Trigonometry and Logarithms, Advanced Algebra, Anatomy, Physiography), 1 point each.

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

#### REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present :—

- |     |   |   |     |   |                         |
|-----|---|---|-----|---|-------------------------|
| (1) | { | English<br>History I<br>History II<br>Mathematics I | (2) | { | Chemistry or<br>Physics |
|-----|---|---|-----|---|-------------------------|

- (3) One elementary and one advanced optional from the following lists : —

*Elementary*

French  
German

*Advanced*

French  
German  
Mathematics

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

## LATIN

## I. ELEMENTARY LATIN

The examinations will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through three school years. In preparation for the elementary examinations, the candidate should read and review at least Cæsar's *Gallic War*, books I–IV, or an equivalent; Cicero's *Orations against Catiline* and *for Archias*; or Vergil's *Æneid*, books I–VI; and should gain ability to read easy Latin at sight. The examinations will include : —

(a) Translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms of the language.

(b) A thorough examination on Cicero's *Orations against Catiline*, II, III, IV, or Vergil's *Æneid*, books I and II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

## II. ADVANCED LATIN

The examinations will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through four school years. In preparation for the advanced examinations, the candidate should read and review at least Cæsar's *Gallic*

*War*, books I-IV, or an equivalent; Cicero's *Orations against Catiline* and *for Archias*; Vergil's *Æneid*, books I-VI; and have adequate training in reading both Latin prose and poetry in the original, in translating Latin at sight, and in Latin prose composition. The examinations will include:—

(a) The translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms, and on prosody.

(b) A thorough examination on Cicero's *Orations against Catiline*, II, III and IV, and Vergil's *Æneid*, books I and II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

(c) The translation into Latin prose of a passage of connected English narrative, based on some portion of the Latin prose works usually read in preparation for college, and limited to the subject-matter of those works.

## GREEK

### I. ELEMENTARY GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least two school years. In preparation for the elementary examination, the candidate should read three books of Xenophon's *Anabasis* or an equivalent. The two parts of this examination must be taken together.

(a) Translation into Greek of simple English sentences illustrating the principles of syntax and inflections.

(b) A thorough examination on the first two books of Xenophon's *Anabasis*.

### II. ADVANCED GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least three school years. In preparation for the advanced examination, the candidate should also read the fourth book of Xenophon's *Anabasis*, and three books of Homer's *Iliad*; and should be trained to render into Greek passages of English narrative involving all ordinary constructions. The three parts of this examination must be taken together.



(a) Translation into Greek of a passage of connected English narrative based on the second book of Xenophon's *Anabasis*.

(b) A thorough examination on the first book of Homer's *Iliad*.

(c) Translation at sight of Attic prose and of Homer, with questions on the forms, constructions, and idioms of the passages.

## MATHEMATICS

### I. ELEMENTARY MATHEMATICS

(a) Algebra through quadratic equations.

(b) Plane geometry, including problems in mensuration, and original propositions.

The requirement in algebra includes the following subjects: factors, common divisors and multiples, fractions, ratios and proportions; negative quantities and the interpretation of negative results; theory of exponents; radicals and equations involving radicals; the elementary theory of imaginaries; the progressions; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities, and of problems leading to such equations.

The requirement in geometry embraces the following topics: the general properties of plane rectilinear figures; proportion; incommensurable magnitudes and limits; the circle and the measure of angles; similar polygons; areas; regular polygons and the measure of the circle; problems in construction.

In each subject great importance is attached to accuracy and readiness, and to neatness in the arrangement of written work.

### II. ADVANCED MATHEMATICS

(a) Algebra, including choice, chance, theory of limits, the binomial theorem, logarithms, series, determinants, and the theory of equations. Wells's *College Algebra*.

(b) Solid and spherical geometry. Wells's *Essentials*.

(c) Plane trigonometry. Wentworth.

## ENGLISH

Two sets of books are prescribed for preparation in English, one for reading, the other for more careful study. No candidate will be ac-

cepted in English whose work is notably deficient in point of spelling, punctuation, idiom, or division into paragraphs. The examination will consist of two parts:—

(1) *Reading and Practice*. — The candidate will be required to present evidence of a general knowledge of the subject-matter of the books assigned, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books set for this part of the examination will be:—

1901 and 1902. — Shakespeare's *The Merchant of Venice*; Pope's *Iliad*, Books I, VI, XXII and XXIV; *The Sir Roger de Coverley Papers* in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

1903, 1904, and 1905. — Shakespeare's *The Merchant of Venice* and *Julius Caesar*; *The Sir Roger de Coverley Papers* in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

(2) *Study and Practice*. — This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books set for this part of the examination will be:—

1901 and 1902. — Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

1903, 1904, and 1905. — Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

## FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America.

## I. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About's *Le roi des montagnes*, Bruno's *Le tour de la France*, Daudet's easier short tales, De la Bédollière's *La Mère Michel et son chat*, Erckmann-Chatrian's stories, Foa's *Contes biographiques* and *Le petit Robinson de Paris*, Foncin's *Le pays de France*, Labiche and Martin's *La poudre aux yeux* and *Le voyage de M. Perrichon*, Legouvé and Labiche's *La cigale chez les fourmis*, Malot's *Sans famille*, Mairét's *La tâche du petit Pierre*, Mérimée's *Colomba*, extracts from Michelet, Sarcey's *Le siège de Paris*, Verne's stories.

## II. ADVANCED FRENCH

This should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau's *Le Gendre de M. Poirier*; Béranger's poems; Corneille's *Le Cid* and *Horace*; Coppée's poems; Daudet's *La Belle-Nivernaise*; La Brète's *Mon Oncle et mon curé*; Madame de Sévigné's letters; Hugo's *Hernani* and *La chute*; Labiche's plays; Loti's *Pêcheur d'Islande*; Mignet's historical writings; Molière's *L'avare* and *Le bourgeois gentilhomme*; Racine's *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau's *Mademoiselle de la Seiglière*; Scribe's plays; Thierry's *Récits des temps mérovingiens*; Thiers's *L'expédition de Bonaparte en Égypte*; Vigny's *La canne de jonc*; Voltaire's historical writings.

## GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

## I. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill upon pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs, also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the end of enabling the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen's *Märchen* and *Bilderbuch ohne Bilder*; Arnold's *Fritz auf Ferien*; Baumbach's *Die Nonna* and *Der Schwiegersohn*; Gerstäcker's *Germelshausen*; Heyse's *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern's *Höher als die Kirche*; Jensen's *Die braune Erica*; Leander's *Träumereien* and *Kleine Geschichten*; Seidel's *Märchen*; Stökl's *Unter dem Christbaum*, Storm's *Immensee* and *Geschichten aus der Tonne*; Zschokke's *Der zerbrochene Krug*.

The best shorter plays available are: Benedix's *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz's *Er ist nicht eifersüchtig*; Wichert's *An der Majorsecke*; Wilhelmi's *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen's *Märchen*, or *Bilderbuch*, or Leander's *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly, *Der Prozess*.

## II. ADVANCED GERMAN

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise upon word order and word formation.

Suitable reading matter for the third year can be selected from such



works as the following: Ebner-Eschenbach's *Die Freiherren von Gemperlein*; Freytag's *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*, for example *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué's *Undine*; Gerstäcker's *Irrfahrten*; Goethe's *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffmann's *Historische Erzählungen*; Lessing's *Minna von Barnhelm*; Meyer's *Gustav Adolfs Page*; Moser's *Der Bibliothekar*; Riehl's *Novellen*, for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger's *Waldheimat*; Schiller's *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel's *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch's *Das edle Blut*. A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

#### ANCIENT HISTORY (History I)

The examination will include: (1) the history of Greece to the death of Alexander, an outline of Greek geography, and questions on Greek life, literature, and art; (2) the history of Rome to the death of Marcus Aurelius, an outline of Roman geography, and questions upon literature and government. The examination presupposes the use of good text-books, considerable collateral reading, and a systematic course of study of at least four exercises a week during one school year, or of two exercises a week during two school years.

#### ENGLISH AND AMERICAN HISTORY (History II)

The examination will include: (1) the history of England; (2) the history of the United States. A mastery of the narrative as presented in the best text-books is requisite, together with collateral reading upon the most important topics. To meet this requirement, not less than one school year of at least four exercises a week, or two full years of two exercises a week, is necessary.

#### PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in such text-books as Avery's *School*

*Physics*, Gage's *Elements of Physics*, and Crew's *Elements of Physics*. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate applies for admission, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

### CHEMISTRY

General laws and theories of chemistry, and the occurrence, preparation, and properties of the non-metallic elements and their compounds as stated in such text-books as Richter, Remsen, and Harris.

### TIME, PLACES, AND ORDER OF EXAMINATIONS

The first examinations for admission begin at 9 A.M. on Thursday (19th June 1902), and close on Saturday of the week preceding Commencement. The result of these examinations is sent to the candidates by mail, within two weeks after the examinations are held. The second examinations for admission begin at 9 A.M. on the last Tuesday of the summer vacation (16th September 1902), and close on the following Thursday. These regular examinations for admission to the College are held in Walker Hall at Amherst, and all candidates should present themselves promptly at the hour assigned for registration. Examination papers will be sent, free of charge, to any preparatory school of good standing, where there are candidates for admission, provided its principal will conduct the examinations simultaneously with those at Amherst, and without expense to the College. Candidates who desire to be examined elsewhere than at Amherst should send their names to the Registrar in season to be received not later than the first of June.

The order of examinations, in both June and September, is as follows : —

## FIRST DAY

9.00 A.M.	Registration	2.15 P.M.	Plane geometry
9.15 A.M.	Latin prose composition	3.45 P.M.	Recess
10.15 A.M.	Cicero	4.00 P.M.	Algebra
11.00 A.M.	Recess	5.30 P.M.	Examinations close
11.15 A.M.	Vergil and Latin prosody		
12.00 M.	Latin at sight		
12.45 P.M.	Examinations close		

## SECOND DAY

8.00 A.M.	English	2.15 P.M.	{ Greek prose composition
9.30 A.M.	Ancient history		{ Chemistry
10.30 A.M.	Recess	3.00 P.M.	{ Anabasis
10.45 A.M.	{ Elementary French		{ Physics
	{ Elementary German	3.45 P.M.	Recess
12.45 P.M.	Examinations close	4.00 P.M.	{ Iliad
			{ History (English and American)
		4.45 P.M.	Greek at sight
		5.30 P.M.	Examinations close

## THIRD DAY

8.00 A.M.	{ Advanced French
	{ Advanced mathematics
9.30 A.M.	Recess
9.45 A.M.	{ Advanced German
	{ Advanced mathematics
11.15 A.M.	Examinations close

## PRELIMINARY EXAMINATIONS

Candidates are allowed to take examinations in any of the subjects; and if the student is successful in five or more papers, either in the June or September examinations, or in both together, credit will be given for one year. Candidates are advised, however, to reserve for their final examinations the following subjects :



Homer, Vergil or Cicero, Greek and Latin prose composition, algebra or geometry, and English.

#### ADMISSION ON CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter College are received in place of entrance examinations ; but such certificates must be filled out in detail in accordance with forms printed by the College, and furnished to principals of such schools upon application to the Registrar.

Such admission by certificate allows a student to enter College conditionally upon his proving himself able to do the full work of his class ; and at any time during the Freshman year he may be dropped from the class in case his work is not satisfactory. In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week during three school years for Greek and four for Latin. In algebra and geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the certificate. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examination.

#### ADMISSION ON CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in the subjects which they cover. It is to be noted, however, that these credentials are not accepted in English ; that they are not satisfactory in mathematics, unless the work has been pursued or reviewed within the two years preceding the date of presentation ; and that they do not wholly fulfil the requirements in Greek.

Certificates of the College Entrance Examination Board for the Middle States and Maryland are accepted.

## CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but those deficiencies must be removed to the satisfaction of the Faculty before he can be advanced to the Junior class. The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

For conditions under which entrance prizes are given, see page 83.

## ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of the second term of Senior year.

Candidates for admission to advanced standing are examined in the studies that have been pursued by the class they wish to enter; also in the requirements for admission to the Freshman class, if advanced standing has not been regularly attained in another college. In applying for admission to advanced standing at Amherst, a student from another college should present a letter of honorable dismissal, together with a detailed certified statement of the work done by him in each department of study at the college from which he comes. Due credit is given for all such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin, or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry.

## Courses of Instruction

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ALL courses after Freshman year are three hours a week, unless otherwise designated. All Freshman courses, except mathematics, are three hours a week. The numbers 1, 2, 3, 4 denote, not the four classes, but the successive years in which courses are offered. The letters *a*, *b*, *c* denote the first, second, and third terms. The letters *aa*, *bb*, *cc* indicate courses parallel with courses *a*, *b*, *c*, respectively.

In Freshman year those students who have presented for admission both ancient languages, elementary and advanced, elect one course, and all others elect two courses, in addition to the courses that are required. Those who have presented, besides Latin and Greek, a modern language, elementary and advanced, or other advanced studies, may elect another course instead of one of the ancient languages. The electives open to Freshmen are German 1, 2, or 3, French 1, 2, or 3, and Physics 1.

In Sophomore year each student elects five courses. The courses open to Sophomores are History 1, Greek 2, Latin 2, German 1, 2, or 3, French 1, 2, or 3, Italian 1 or Spanish 1, English 2, Mathematics 2, Physics 1 or 2, Chemistry 1, Anatomy, Biology 2.

In Junior year each student elects five courses. The courses open to Juniors are Philosophy 1, History 2, Biblical Literature 1, Greek 3, Latin 3, German 2, 3, or 4, French 2, 3, or 4, Italian 2, Italian 3, Spanish 2, English 3, Old and Early English, Public Speaking, Mathematics 3, Physics 2, Chemistry 2, Geology 1, Biology 3, Music, and any preceding courses.

In Senior year each student elects four courses. The courses open to Seniors are Philosophy 2, History 3, Economics, Modern Government, Biblical Literature 2, Greek 4, Latin 4, Sanskrit, German 2, 3, or 4, French 2, 3, or 4, Italian 3, Spanish 3, English 4, Old and

Early English, Mathematics 4, Physics 2 or 3, Astronomy, Navigation, Chemistry 3, Geology 2, Music, and any preceding courses.

No student is allowed to take a less number of courses than the number named for each year. Extra courses may be taken, subject to the approval of the Administration Committee. Candidates for the degree of Bachelor of Science shall complete second year German, second year French, Italian, or Spanish, and also, after Freshman year, six courses (eighteen terms) in Natural Science, Mathematics, or Economics.

### PHILOSOPHY

PROFESSOR GARMAN

- (1 *a*) Psychology and pedagogics.
- (1 *b*) Psychology and ethics.
- (1 *c*) Ethics and sociology.
- (2 *a*) History of philosophy. (1 *a*, 1 *b*, 1 *c* requisite.)
- (2 *b*) Discussion of problems of philosophy, and the development of thought in the nineteenth century. (2 *a* requisite.)

As far as possible, the philosophers and their critics are studied from their own works. The courses in philosophy include the following subcourses, several of which are taken simultaneously: — Psychology (experimental, animal, morbid); mental evolution; pedagogics and educational psychology; general psychology; heredity; anthropological ethics; political obligations; metaphysics of ethics; objective ethics; outlines of sociology; æsthetics; outline history of ancient philosophy; selections from Locke, Berkeley, Hume, and Mill; philosophy and ethics of Herbert Spencer, Descartes, Spinoza, Kant, Fichte, Hegel, Lotze; epistemology; philosophy and evolution of religion; preparation for Christianity in the Roman empire; Christian apologetics, history and exposition of Christian doctrine; movements of thought in the nineteenth century.

### HISTORY

PROFESSOR MORSE AND DR. GALLINGER

- (1 *a*) *Résumé* of ancient history; mediæval Europe to the Crusades.

- (1 *b*) The Crusades ; the Renaissance.
- (1 *c*) Period of the Protestant reformation.
- (2 *a*) Period of the Catholic counter-reformation ; the religious wars.
- (2 *b*) Establishment of absolutism on the Continent ; the English revolutions ; the dynastic wars.
- (2 *c*) Introduction to the history of India ; expansion of England ; rise of Russia and Prussia ; the colonial period of American history.
- (3 *a*) The American revolution ; the French revolution ; the federalist period.
- (3 *aa*) History of politics and parties during the American revolution and the federalist period. (One hour course.)
- (3 *b*) The Napoleonic period ; period of the Holy Alliance ; reform in England ; revolution of 1830 and 1848 ; history of the United States from the election of Jefferson to the war with Mexico ; introduction to the history of China and Japan.
- (3 *bb*) History of politics and parties from the election of Jefferson to the close of the war with Mexico.
- (3 *c*) European history from the revolution of 1848 to 1900 ; American history from the compromise of 1850 to the war with Spain.
- (3 *cc*) History of politics and parties from 1848 to 1900.

## ECONOMICS

PROFESSOR CROOK

- (1 *a*) Outlines of economics. Walker's *Political Economy* ; Hadley's *Economics*. (Four hour course.)
- (1 *b*) Advanced work in economic theory. Assigned readings in Smith, Ricardo, and Mill, with especial attention to Marshall's *Principles of Economics* and Clark's *Distribution of Wealth*. (1 *a* requisite.)
- (1 *bb*) Money and banking. Dunbar's *Theory and History of Banking* ; White's *Money and Banking* ; Taussig's *Silver Question*. (1 *a* requisite.)

The practical monetary problems of the United States are considered, and the systems of banking practised in England, France, Germany, and the United States are compared.

(1 c) Public finance; taxation; public expenditures; public debts; financial administration. Adams's *Science of Finance*. (1 a requisite.)

(1 cc) Practical economic problems; transportation; monopolies; trusts. Thesis required. Hadley's *Railroad Transportation*; Jenks's *Trust Problem*. (1 a requisite.)

## MODERN GOVERNMENT AND INTERNATIONAL LAW

PROFESSOR GROSVENOR

(1 a) Object and test of government; influence of original theories, of time and of circumstances; governments as single or federal, as monarchic, aristocratic or democratic, as constitutional or arbitrary.

(1 b) Existing governments, national, local, and municipal, in the states of Europe and America, and in Japan, China, India, and Australia. (1 a requisite.)

(1 c) History of international law; rights of states; international intercourse; relations of states at war; belligerents and neutrals; progress and future of international law. (1 a and 1 b requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethnic, and religious condition of peoples is investigated to ascertain the influence of such conditions upon their political life. Attention is paid to especial topics of contemporaneous interest. Assigned subjects are treated in theses and discussions. Grosvenor's *Contemporary History*, Wilson's *The State*, Woolsey's or Lawrence's *International Law*.

## BIBLICAL LITERATURE

PROFESSOR HENRY P. SMITH

### I. THE ENGLISH BIBLE

(1 a) History of Israel down to the exile; composition of the historical books; work of the prophets.



(1 *b*) Israel's restoration and the new commonwealth ; supremacy of the law ; the wisdom literature ; the Maccabean struggle and the preparation for the New Testament.

(1 *c*) The life of Christ and the beginnings of the Church ; the Roman supremacy ; the Messianic expectation ; epistles of Paul ; other types of thought. The text-book is the English Bible (revised version).

## II. THE NEW TESTAMENT IN GREEK

(1 *aa*) Selections from the Gospels and Acts ; discussion of the characteristics of Hellenistic Greek.

(1 *bb*) Select epistles of Paul.

(1 *cc*) Sections of the catholic epistles with comparison of the Greek version of the Old Testament. The text-book is the edition of Westcott and Hort.

## III. INTRODUCTION TO THE HEBREW LANGUAGE

(2 *a*) The grammar, with exercises in translation and composition.

(2 *b*) Reading of narrative sections of the Old Testament.

(2 *c*) Reading of sections from the prophets, with especial attention to the syntax. The text-book is Davidson's *Introductory Hebrew Grammar*.

## GREEK

PROFESSORS HARRY DEF. SMITH AND ELWELL

(1 *a*) Lysias ; collateral reading.

(1 *b*) Herodotus ; collateral reading.

(1 *c*) Homer's *Odyssey* ; collateral reading.

(2 *a*) Demosthenes, *On the Crown*, with the history of Greek oratory. (1901-1902.) Euripides, *Iphigenia among the Taurians*, with the history of the tragic drama. (Given as 2 *a* in 1902-1903 and as 2 *b* in 1901-1902.)

(2 *b*) Sophocles, *Œdipus Tyrannus*, and Euripides, *Cyclops*, with a discussion of the Attic theatre. (Omitted in 1901-1902.)

(2 c) Lucian and Plutarch, selected works, with the history of the literature of the early Christian era.

(3 a) Plato, *The Republic*, with the history of philosophical literature.

(3 b) Æschylus, *Agamemnon*.

(3 c) The lyric poets, selections, with the study of the rise and development of song-poetry.

(Courses 3 a, 3 b, and 3 c are offered to Juniors and Seniors in 1901-1902.)

(4 a) Theocritus and Apollonius Rhodius, selections, with the history of Alexandrian literature.

(4 b) Aristophanes, *Frogs*, with the history of the comic drama.

(4 c) Aristotle, *The Nichomachean Ethics*.

(Courses 4 a, 4 b, and 4 c are to be offered to Juniors and Seniors in 1902-1903.)

## LATIN

PROFESSORS CROWELL, COWLES, AND MR. WILKINS

(1 a) Cicero, *De Senectute*, or *De Amicitia*; *De Officiis*, at sight; discussions on Latin style; collateral reading on the life and times of Cicero.

(1 b) Livy, book XXI; book I, at sight; lectures on Rome and Carthage; exercises in Latin composition; collateral reading on the Punic wars.

(1 c) Horace, *Odes*, *Epodes*, and *Carmen Sæculare*, with the Horatian metres; collateral reading on Horace as a lyric poet.

(2 a) Terence, *Adelphæ*, with lectures on the history of Roman comedy; notes on Latin philology; selections from Catullus.

(2 b) Horace, *Satires* and *Epistles*; Tacitus, *Agricola*; *Germania*, at sight; history of Latin literature; illustrated lectures on Roman archæology.

(2 c) Selections from the letters of Pliny and Cicero, *Tusculan Disputations*, at sight; history of Latin literature; illustrated lectures on Roman archæology.



(3 a) Selections from Seneca the rhetorician and Seneca the philosopher; Petronius, *Cena Trimalchionis*; Quintillian, *De Institutione Oratoria*, book x; literature of the silver age.

(3 b) Tacitus, *Histories*, books I and III; history of the early empire; literature of the silver age.

(3 c) Roman satire; selections from Persius, Martial, and Juvenal; history of Roman satire.

(4 a) Lucretius, selections from *De Rerum Natura*; Cicero, the *Immortality of the Soul*.

(4 b) Tertullian, *Apologeticus* and *Christian Latin Poetry*, selections; elements of Latin epigraphy and Rushforth's *Latin Historical Inscriptions*.

(4 c) Justinian, *Institutes*; history of Roman jurisprudence.

### SANSKRIT AND PALI

PROFESSOR ELWELL

(1 a) Perry's *Primer*; Whitney's *Grammar*; Lanman's *Reader*, *Nala*.

(1 b) Whitney's *Grammar*; Lanman's *Reader*, stories from *Hitopadeṣa* and *Kathā-sarit-sāgara*.

(1 c) Whitney's *Grammar*; Lanman's *Reader*; selections from *Veda* and *Brāhmaṇa*.

These courses are offered in preparation for especial work in comparative philology, and as an introduction to the study of the religions and literatures of India.

### GERMAN

PROFESSORS RICHARDSON AND BIGELOW

(1 a) Drill in pronunciation; colloquial exercise; exercises in writing German; selections from early German prose. Spanhoofd's *Lehrbuch der deutschen Sprache*.

(1 b) Exercises in writing German and in sight-reading. Spanhoofd's *Lehrbuch der deutschen Sprache*; von Wildenbruch's *Das edle Blut*.

(1 c) Exercises in writing and in sight-reading, continued. Freytag's *Soll und Haben*.

(2 a) Schiller's *Maria Stuart*; Schiller's life; general survey of German literature to the classic period.

(2 b) Goethe's *Hermann und Dorothea*; Goethe's life; Hauff's *Das Wirtshaus in Spessart*; scientific German.

(2 c) Selections from Goethe's prose works; scientific German.

(3 a) Critical study of Goethe's *Faust*; history of the Faust legend.

(3 b) Goethe's *Faust* continued; Lessing's *Nathan der Weise*.

(3 c) Modern German fiction, poetry, and drama.

(4) The study of especial departments and periods of German literature.

This course is open only to students who have completed course 3 with high rank. It may be taken for one, two, or three terms.

### ROMANCE LANGUAGES AND LITERATURES

PROFESSOR SYMINGTON, DR. BAXTER, AND MR. WILKINS

#### FRENCH

(1 a) Grammar and pronunciation, with a modern text.

(1 b) Grammar and pronunciation, with modern texts.

(1 c) Continuation of 1 b.

(2 a) Modern novels: Theuriet, Erckmann-Chatrian; composition; private reading; modern short stories; Erckmann-Chatrian.

(2 b) History of French literature: Petite de Vulleville; composition; private reading in connection with the study of the history of French literature.

(2 c) Continuation of 2 b.

(3 a) Corneille. (2 a, 2 b, 2 c requisite.)

(3 b) Racine, Voltaire.

(3 c) Molière.

(4 a) Romanticism. (2 a, 2 b, 2 c requisite.)

(4 b) Realism.

(4 c) Augier and Dumas fils.

#### ITALIAN

(1 a) Ricci, *Italian Principia*; De Amicis, *Cuore*.

(1 b) Ricci, *Italian Principia*; Manzoni, *I Promessi Sposi*.

- (1 c) Short stories by contemporary Italian writers: D'Anunzio, Farina, Fogazzaro, Serao; composition.
- (2 a) History of Italian literature; Petrarca; Boccaccio and the Italian sources of Shakespeare's comedies.
- (2 b) History of Italian literature; Ariosto; the Humanists; Tasso.
- (2 c) History of Italian literature; Alfieri, tragedies; Goldoni, comedies; Leopardi; Carducci.
- (3 a) Dante, minor Works and *La Divina Commedia*; lectures on early Italian life and literature.
- (3 b) Dante, *La Divina Commedia*; lectures on early Italian life and literature.
- (3 c) History of Italian art; illustrated lectures and readings.

#### SPANISH

- (1 a) Conversation and grammar; short stories; modern comedies; Alarcón.
- (1 b) Conversation and grammar; Alarcón, Valera, Galdós.
- (1 c) Conversation; Galdós, Isla, Calderón.
- (2 a) Ramsey, *Text-book of Modern Spanish*; Ticknor, *History of Spanish Literature*; selected plays; private reading.
- (2 b) Ramsey; Ticknor; *Guillén de Castro*; Moratín; Cervantes.
- (2 c) Ramsey; Ticknor; Cervantes, *Don Quixote*.

#### ENGLISH

PROFESSORS GENUNG AND CHURCHILL AND DR. HOMER SMITH

- (1 b) Words; phraseology, organic processes; written exercises.
  - (1 c) The sentence; the paragraph; written exercises.
- The object of these two required courses is to furnish, by theory and practical drill, discipline in the principles of style.
- (2 a) Style in general; figures; diction, prose and poetic; rhythm; short themes and written studies.

The object of this course, along with originaive work, is to furnish principles for the appreciation of literary style, through study of effects in the best authors.

(2 *b*) Approaches to invention ; the composition as a whole ; briefs and themes.

(2 *c*) The literary types ; sketches and themes.

In these last two courses the progressive steps in planning and writing an entire literary work, both in their general aspect and as modified in the various specific types, are pursued by theory and practical drill.

(3 *a*) Introduction to American literature.

The principal writers are studied with attention to the character and relation of the different periods. Pancoast's *Introduction to American Literature* ; lectures ; essays.

(3 *b*) The English Drama.

Rise and development of the drama in England ; works of the predecessors of Shakespeare ; plays of Shakespeare.

(3 *c*) The English Drama continued. (3 *a*, 3 *b*, 3 *c* are offered in 1900-1901.)

(3 *aa*) The writers of the sixteenth and seventeenth centuries, exclusive of the dramatists.

(3 *bb*) Nineteenth century poetry.

(3 *cc*) Nineteenth century poetry continued. (3 *aa*, 3 *bb*, 3 *cc* will be offered in 1901-1902.)

(4 *a*) Critical study of prose writers of the eighteenth and nineteenth centuries : Addison, Swift, Lamb, De Quincey, Macaulay, Carlyle, and Arnold ; essays and criticisms. One year of English literature must be taken precedent or parallel to this course.

(4 *b*) The English romantic poets : Cowper, Burns, Byron, Shelley, Wordsworth, and Arnold ; essays and criticisms. (4 *a* requisite.)

#### OLD AND MIDDLE ENGLISH

PROFESSOR CHURCHILL

(1 *a*) Old English (Anglo-Saxon). Cook-Sievers' *Grammar of Old English* ; Sweet's *Anglo-Saxon Primer* ; Bright's *Anglo-Saxon Reader* ; *Beowulf* ; lectures on the origin and development of Old English.

(1 *b*) Old English Poetry ; Middle English, especially Chaucer ; *Prologue to the Canterbury Tales* ; lectures on the history of Middle English and its development into modern English ; Sweet's *Second Middle English Primer*.

### PUBLIC SPEAKING

PROFESSOR CHURCHILL AND DR. HOMER SMITH

(1 *a*) Oral interpretation ; declamations, one hour course ; individual training.

(1 *c*) Individual training of contestants for the Freshman Kellogg Prize.

(2 *a*) Oral interpretation ; declamations, one hour course ; individual training.

(2 *c*) Individual training of contestants for the Sophomore Kellogg Prize.

(3 *a*) Argumentation and logic ; Jevons's *Lessons in Logic*, examples for praxis ; lectures ; discussions ; oral interpretation ; orations.

(3 *b*) Argumentation in debates ; discussions ; speeches ; orations.

(4 *a*) Debates on social, economic, historical and political questions, one hour course.

(4 *b*) Debates as in (4 *a*).

(4 *c*) Individual training of contestants for the Hyde and Bond Prizes.

### MATHEMATICS

PROFESSORS ESTY AND OLDS AND MR. GODDARD

(1 *a*) Solid and spherical geometry ; Wells's *Essentials of Plane and Solid Geometry*.

(1 *aa*) Faunce's *Descriptive Geometry*.

(1 *b*) Algebra, including choice, chance, theory of limits, binomial theorem, logarithms, series, determinants, and theory of equations. Wells's *College Algebra*.

(1 *c*) Plane trigonometry. Wentworth's *Trigonometry*. Spherical trigonometry, one hour course for the Walker honor division.

(2 *a*) Analytic geometry of the conic sections.

(2 *b*) Differential and integral calculus. Osborne.

(2 *c*) Differential and integral calculus continued.

(3 *a*) Analytic geometry (continuation of 2 *a*) for seven weeks followed by the calculus and differential equations for six weeks with especial reference to advanced courses in mechanics and physics.

(3 *b*) Kinematics; vector methods introduced.

(3 *c*) Statics; vector methods continued.

(3 *cc*) Quaternions. (1 *a*, 1 *b*, 1 *c* requisite.)

(3 *ccc*) Descriptive geometry (continuation of 1 *aa*).

(4 *a*) Ordinary and partial differential equations; analytical theory of surfaces and of curves in space.

(4 *b*) Integral calculus (advanced course); or application of vector analysis to kinetics.

(4 *c*) Introduction to the theory of functions; or vector methods in mathematical physics.

## PHYSICS

PROFESSORS KIMBALL AND THOMPSON

(1 *a*) Elementary mechanics; equilibrium and motion of solids, liquids, and gases; capillarity; molecular forces; and heat. Lectures and recitations three hours, laboratory work two hours.

(1 *b*) General course in electricity and magnetism. Lectures and recitations three hours, laboratory work two hours.

(1 *c*) A general course in sound and light. Lectures and recitations three hours, laboratory work two hours.

(2 *a*) An experimental course in electric and magnetic measurements. Laboratory work six hours. (1 *b* or its equivalent requisite.)

(2 *b*) An experimental course in mechanics and sound. Laboratory work six hours. (1 *a* requisite.)

(2 *c*) Physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals. Lectures and recitations two hours, laboratory work two hours. (1 *c* requisite.)

(3 *a*) Heat, and elementary thermodynamics. Lectures and recitations two hours, laboratory work four hours. (1 *a* and mathematics 1 *b* requisite.)

(3 *b*) Electricity and magnetism, introduction to the mathematical theory. Lectures and recitations three hours. (1 *b* and mathematics 1 *b* requisite.)

(3 *c*) Electricity and magnetism ; direct and alternating current dynamos and transformers. Laboratory work six hours. (2 *a* requisite.)

(3 *cc*) Chemical physics. Lectures and recitations two hours, laboratory work two hours. (1 *a* and chemistry 1 *a* requisite.)

## ASTRONOMY AND NAVIGATION

PROFESSOR TODD

(1 *a*) Descriptive astronomy, Todd's *New Astronomy*; lectures upon the history of astronomy. (Physics 1 *c* requisite.)

(1 *c*) Practical astronomy (Loomis, Souchon); *Theoretical Astronomy* (Watson); *Investigation of the Orbit of Uranus* (Newcomb); observatory work. Theses required. (1 *a*, and mathematics 1 *c*, 2 *b* requisite.)

This course includes the theory of the construction, adjustment and use of the principal instruments of the astronomical observatory, and each student makes observations with these instruments, and completely calculates or reduces them.

(1 *cc*) History of navigation ; naval architecture ; instruments of navigation ; finding the ship's position ; sextant practice. Mathematics 1 *b*, 1 *c* and astronomy 1 *a* requisite.)



## CHEMISTRY

PROFESSORS HARRIS AND HOPKINS

(1 *a*) Fundamental laws of the metallic elements and part of the non-metallic elements.

(1 *b*) Continuation of 1 *a*.

(1 *c*) Metallic elements and their compounds.

(2 *a*) Qualitative analysis of simple substances.

(2 *b*) Separations and analysis of mixed compounds.

(2 *c*) Organic chemistry.

(3 *a*) Quantitative analysis of simple substances.

(3 *b*) Separations and mineral analysis.

(3 *c*) Special, technical, and sanitary analysis.

2 *a*, 2 *b*, 2 *c*, 3 *a*, 3 *b*, 3 *c*, are four hour courses.

## MINERALOGY AND GEOLOGY

PROFESSOR EMERSON

(1 *b*) Descriptive mineralogy; crystallography; determination of minerals; study of rocks and veinstones. Moses and Parsons' *Mineralogy*. (Chemistry 1 requisite.)

(1 *c*) Geology; structural and dynamical geology, as illustrated by the region around Amherst. Six excursions required. Dana's *Geology*, or Scott's *Elements*. (Four hour course. Physics 1 and Chemistry 1 requisite.)

(2 *a*) Historical geology; palæontology; physiography. (1 *c* and biology 1 requisite. 2 *a*, 2 *b*, 2 *c* are four hour courses.)

(2 *b*) Continuation of 2 *a*.

(2 *c*) Field work and laboratory work. Survey of an area of glacial and post-glacial beds; survey of an area of the triassic sandstones and traps; advanced work in mineralogy, petrography, or palæontology; map or thesis required.



HYGIENE AND PHYSICAL EDUCATION

PROFESSORS HITCHCOCK AND PHILLIPS

(1 a) Personal hygiene ; lectures on fundamental laws affecting health. (One hour course.)

(1 c) Human physiology. Martin's *Human Body*. (Four hour course.)

Except in Senior year, light gymnastic drill is required four times a week the first and second terms.

BIOLOGY

PROFESSOR TYLER AND DR. LOOMIS

(1 b) Systematic zoölogy.

(2 a) Evolution of lower invertebrates.

(2 b) Evolution of higher invertebrates and of vertebrates.

(2 c) Evolution of man.

Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structure and affinities of the great divisions of the animal kingdom are investigated.

(3 a) Comparative anatomy of the skeleton. (2 a, 2 b, 2 c requisite.)

(3 b) Comparative anatomy of the internal organs.

(3 c) Cytology, including inheritance and origin of sex.

(3 cc) Botany.

MUSIC

PROFESSOR BIGELOW

(1 a) Rudiments of music ; essentials of sight reading ; training in perception of intervals ; history of the scales ; elementary harmony.

(1 b) Harmony, comprising intervals, triads, chords of the seventh and ninth, with their inversions, resolutions, cadences, suspensions, modulations ; harmonization of melodies.

(1 c) Harmony continued ; chord and form analysis ; harmonization of chorals ; musical history with required collateral reading.

# Synopsis of the Course of Instruction

## FOR THE DEGREE OF BACHELOR OF ARTS

For details as to topics and text-books in each subject, consult the preceding pages. The figure prefixed to a study indicates the year of the study in its course, and the figure following indicates the number of hours a week devoted to the study. Required subjects are italicized.

FRESHMAN YEAR ( <i>Elect One Optional Course*</i> )				SOPHOMORE YEAR ( <i>Elect Five Courses</i> )		
FIRST TERM	SECOND TERM	THIRD TERM		FIRST TERM	SECOND TERM	THIRD TERM
1 <i>Greek</i> 4 1 <i>Latin</i> 4 1 <i>Mathematics</i> 4 1 <i>Declamation</i> 1 <i>Hygiene</i> 1 1 French 2 French 3 French 1 German 2 German 3 German 1 Physics	1 <i>Greek</i> 3 1 <i>Latin</i> 3 1 <i>Mathematics</i> 4 1 <i>English</i> 3 1 French 2 French 3 French 1 German 2 German 3 German 1 Physics	1 <i>Greek</i> 3 1 <i>Latin</i> 3 1 <i>Mathematics</i> 4 1 <i>English</i> 3 1 French 2 French 3 French 1 German 2 German 3 German 1 Physics		2 <i>Declamation</i> 1 1 Biology 1 Chemistry 2 English 1 French 2 French 3 French 1 German 2 German 3 German 2 Greek 1 History { 1 Italian or 1 Spanish 2 Latin 2 Mathematics 1 Physics	1 Biology 1 Chemistry 2 English 1 French 2 French 3 French 1 German 2 German 3 German 2 Greek 1 History { 1 Italian or 1 Spanish 2 Latin 2 Mathematics 1 Physics	Anatomy 1 Biology 1 Chemistry 2 English 1 French 2 French 3 French 1 German 2 German 3 German 2 Greek 1 History { 1 Italian or 1 Spanish 2 Latin 2 Mathematics 1 Physics

\* Candidates who have presented for admission only one ancient language elect *two* optional courses.



# Synopsis of the Course of Instruction

## FOR THE DEGREE OF BACHELOR OF SCIENCE

For details as to topics and text-books, in each subject, consult pp. 51 to 65. The figure prefixed to a study indicates the year of the study in its course, and the figure following indicates the number of hours a week devoted to the study. Required subjects are italicized.

FRESHMAN YEAR <i>Elect two Optional Courses</i>			
FIRST TERM	SECOND TERM	THIRD TERM	
<i>Descriptive Ge-</i> <i>ometry</i> 4 1 <i>Mathematics</i> 4 1 <i>Declamation</i> 1 <i>Hygiene</i> 1 1 French 2 French 3 French 1 German 2 German 3 German 1 Physics	Biology 3 1 <i>Mathematics</i> 4 1 <i>English</i> 3 1 French 2 French 3 French 1 German 2 German 3 German 1 Physics	Anatomy 4 1 <i>Mathematics</i> 4 1 <i>English</i> 3 1 French 2 French 3 French 1 German 2 German 3 German 1 Physics	For Sophomore, Junior, and Senior years, the same courses are offered as for the degree of Bachelor of Arts. Candidates for the degree of Bachelor of Science must elect eighteen terms' work in science or mathematics during the last three years, and complete the second year's course in both French and German.

# Administration

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## TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time, divided into the Autumn term of thirteen weeks, the Winter term of twelve weeks, and the Spring term of eleven weeks. The holiday recess of two weeks follows the Autumn term; the Spring recess of two weeks follows the Winter term; and the Summer vacation of twelve weeks follows the Spring term.

All the terms begin on a Thursday, at half past eleven o'clock A.M. The Autumn and Winter terms end on a Thursday at quarter before one o'clock P.M.; the Spring term on the Saturday before Commencement. Commencement day is the last Wednesday in June.

A printed schedule of the exercises of the College is published at the beginning of every term. On Wednesday and Saturday afternoons all exercises are suspended.

## ATTENDANCE

Absences from chapel service are allowed upon an average once each week for each term; from the Sunday service, three absences are allowed in each of the first two terms, and two in the third term.

Four absences from each course in the first term and three absences in the second and in the third term are allowed. A student who has more absences than are allowed in any course must take an examination corresponding to his absences before he can be admitted to the final examination. If he fails on the cut-over examination, five one-hundredths ( $\frac{5}{100}$ ), for each absence, are

deducted from his standing in the course. Frequent absences except for illness are not permitted.

### EXAMINATIONS

Examinations are held at the end of each term, or at intervals during the term, in all courses. There are no second or make-up examinations after the close of a term, except in required courses. A student who has failed in a required course may take a second examination the day before the beginning of the next college year.

### DELINQUENCIES

A student who has failed in a required course on a second examination, is obliged to repeat it the following year with the next lower class. A student who has failed in an elective course is obliged to repeat it the following year, or may, with the consent of the Administration Committee, substitute another course in one of the two following terms.

Those who, on account of illness, do not take examinations must present a physician's certificate. In such cases a special examination may be taken.

### RELIGIOUS CULTURE

The Christian life of the College finds expression through the College church and the College Young Men's Christian Association. A service for public worship is held in the College church every Sunday morning at quarter before eleven, and there are prayers in the chapel every week-day morning at half past eight o'clock. There is a prayer-meeting every Thursday evening, and there are class prayer-meetings and classes for the study of the Bible regularly on Sunday.

In lieu of attendance upon the Sunday service of the College church, any student, on application to the Registrar, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his appli-

cation must be accompanied with a request from his parent or guardian.

### PHYSICAL CULTURE

The department of hygiene and physical education is under the charge of two physicians, who keep themselves acquainted with the health of all the students. Soon after he enters College, and twice thereafter during his collegiate course, each student is minutely examined in reference to his strength and physical condition, and advised as to any particular course he should take for the maintenance and increase of his health and strength. A manual of average measurements, together with a record of his own measurements, is given him; also he is directed to the most advantageous use of the ample appliances with which the Pratt Gymnasium is provided.

Besides the exercises which every student may take by himself, the members of each class except Seniors regularly exercise together in the gymnasium four times every week, during the Autumn and Winter terms. Unless excused for physical disability, the attendance of every student is required at the gymnasium for the performance of these exercises in light gymnastics.

The results of this system of prescribed gymnastic training pursued in the College have been eminently satisfactory. While hygienists affirm that, as a general rule, the health of a young man from fifteen to twenty-five years of age is apt to decline, the reverse rule is found to prevail with students here. From statistics systematically kept for more than thirty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class, best of all. Moreover, this average is shown to come from improvement in the physical condition of the individual student, and not from absence of those who drop out of the course because physically too weak to complete it.



## TERM BILLS, BOND, AND FEES

Term bills, including tuition, library, gymnasium, and all ordinary incidentals amount to one hundred and ten dollars for the year. One-half of the annual charge is due on the first day of October, the other half on the first of March. A bond of two hundred dollars, with satisfactory surety for the payment of all college bills, must be given to the Treasurer by each student when he enters college.

A graduation fee of six dollars is charged each member of the Senior class.

## LABORATORY FEES

Physics	{ First year, each term . . . . .	\$3.00
	{ Second and third years, each term . . . . .	5.00
Biology	{ First and second years, each term . . . . .	3.00
	{ Third year, each term . . . . .	5.00
Chemistry	{ First year, each term . . . . .	3.00
	{ Second year, first and second terms . . . . .	10.00
	{ Third year, each term . . . . .	10.00

These fees must be paid in the third week of the term for which they are charged. Dues for breakage must be paid at the close of the term.

## DORMITORIES

The rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. Dry sub-cellars insure perfect ventilation. The buildings are heated with steam and there are tiled open fireplaces in most of the rooms. The floors of carefully matched hard wood may be left uncarpeted and used with rugs. On the second floor of each half of each dormitory there is a bath room with all modern appointments. Set marble basins with mod-



ern plumbing and running water are supplied in each room. The halls are lighted by gas, and the prices named for room-rent include heat, water, and care of the rooms by capable janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date members of college may draw for choice of unengaged rooms in the following order: on the first Tuesday, members of the incoming Senior class; on the first Thursday, members of the incoming Junior class; and on the first Friday, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one-quarter on engaging the room, one-quarter on the first of October, and the balance on the first of March.

## NORTH COLLEGE

### NORTH ENTRY

*First Floor:* No. 1, \$90; No. 2, \$80; No. 3, \$80; No. 4, \$90.

*Second Floor:* No. 5, \$115; Nos. 6 and 6A, \$135; No. 8, \$120; Room D, \$55.

*Third Floor:* No. 9, \$115; No. 10, \$90; No. 11, \$90; No. 12, \$120; Room E, \$60.

*Fourth Floor:* No. 13, \$110; No. 14, \$85; No. 15, \$85; No. 16, \$115; Room F, \$55.

### SOUTH ENTRY

*First Floor:* No. 17, \$80; No. 19, \$85; No. 20, \$80; No. 18, \$85.

*Second Floor:* Nos. 21 and 21A, \$135; No. 22, \$115; No. 23, \$120; Room A, \$55.

*Third Floor:* No. 25, \$90; No. 26, \$115; No. 27, \$120; No. 28, \$90; Room B, \$60.

*Fourth Floor:* No. 29, \$85; No. 30, \$110; No. 31, \$115; No. 32, \$85; Room C, \$55.

## SOUTH COLLEGE

## NORTH ENTRY

*First Floor:* No. 1, \$85; No. 2, \$65; No. 2A, \$40; No. 3, \$40; No. 4, \$85. (Nos. 2 and 2A should rent as a suite, and No. 5 may rent with them.)

*Second Floor:* No. 5, \$115; Nos. 6 and 6A, \$135; No. 7, \$55; No. 8, \$120.

*Third Floor:* No. 9, \$115; No. 10, \$90; No. 10A, \$50; No. 10B, \$45; No. 11, \$60; No. 12, \$120. (Nos. 10, 10A, and 10B should rent as a suite; or Nos. 10 and 10A may be rented together, and No. 10B and No. 11B may be rented as a suite.)

*Fourth Floor:* No. 13, \$110; No. 14, \$80; No. 14A, \$50; No. 14B, \$45; No. 15, \$55; No. 16, \$115. (Nos. 14, 14A and 14B should rent as a suite; or Nos. 14 and 14A may be rented together, and No. 14B may be rented with No. 15 as a suite.)

## SOUTH ENTRY

*First Floor:* No. 17, \$80; No. 18, \$95; No. 19, \$95; No. 20, \$80.

*Second Floor:* Nos. 21 and 21A, \$135; No. 22, \$125; No. 23, \$125; Room A, \$55.

*Third Floor:* No. 25, \$95; No. 26, \$125; No. 27, \$125; No. 28, \$95; Room B, \$65.

*Fourth Floor:* No. 29, \$90; No. 30, \$120; No. 31, \$120; No. 32, \$90; Room C, \$60.

## EXPENSES

The principal necessary expenses during a collegiate year, exclusive of vacations, are as follows:—

Term bill . . . . .	\$110.00	\$110.00
Room-rent in dormitories . . . . .	35.00	125.00
Room-rent in private houses . . . . .	45.00	125.00
Fuel and lights . . . . .	12.00	18.00
Board from \$3.00 to \$6.00 per week . . . . .	108.00	216.00

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The expense for room-rent, fuel, and lights is estimated on the supposition that two students occupy one room. There are also taxes voluntarily imposed by the classes and fraternities. These and expenses for furniture, books, stationery, and clothing vary according to the circumstances and habits of the student.

# Degrees

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## DEGREE OF BACHELOR OF ARTS

THE degree of Bachelor of Arts is conferred on those who complete, in addition to the requirements for Freshman year, fourteen elective courses. Diplomas are graded as *Rite*, *Cum laude*, *Magna cum laude*, *Summa cum laude*, according to scholarship.

## DEGREE OF BACHELOR OF SCIENCE

The degree of Bachelor of Science is conferred on those who complete, in addition to the requirements for Freshman year, fourteen elective courses, which shall include second year French and German, unless previously completed, and six courses in science or mathematics. Diplomas are graded as above, according to scholarship.

## DEGREE OF MASTER OF ARTS

The degree of Master of Arts is conferred only on condition that the candidate, already a Bachelor of Arts, has completed a course of liberal study, approved by the Faculty, sufficient in amount to constitute a fifth year of college work.

Candidates, by continuous residence at College, may fulfil the above condition in one year after graduation. Resident candidates pay the regular tuition of undergraduates and a diploma fee of five dollars.

In cases of partial non-residence at least two years will be requisite, and three years in cases of entire non-residence. The candidate must present satisfactory vouchers for his completion of a

course of liberal studies equivalent to one year's college work ; or, in default of this, he must pass an examination on the same. The diploma fee is ten dollars.

Also the requirements of this degree may be fulfilled by (*a*) a three years' course of professional study at a school of theology, law, or medicine, of approved standing, or (*b*) three years spent in teaching the higher branches in a classical or scientific school of approved standing, together with evidence of special study of teaching as an art or science, or of some branch of literature, philosophy, history, or science. When application for the degree is made under caption (*b*), it is expected that the candidate will submit evidence of success in his chosen profession of teaching ; also a satisfactory thesis upon the especial subject of study pursued with reference to the degree.

Both resident and non-resident candidates are required to present, not later than the 1st of June, a satisfactory thesis on some subject previously approved by the Faculty. Graduates of other colleges can receive the degree only on condition of one year's residence and study in Amherst.

## Fellowships

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**The Roswell Dwight Hitchcock Memorial Fellowship**, of two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, will be awarded annually to a member of the Senior class for excellence in history and the social and economic sciences, under conditions determined by the Faculty. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

**The Rufus B. Kellogg University Fellowship**, the gift of the late Rufus B. Kellogg, of Green Bay, Wisconsin, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions: —

(1) He shall be selected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the

incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

**The South End House Fellowship**, of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

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## Honors

### COMMENCEMENT SPEAKERS

The six Seniors who have attained the highest general standing are appointed to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

### THE PHI BETA KAPPA SOCIETY

Those who at the end of the second term of Junior year have attained a general standing represented by eighty-eight or more, on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the second term of Senior year have attained a general standing represented by eighty-five or more, are elected members of the society.

## Prizes

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THE following prizes are offered annually for proficiency in the work of several of the departments of collegiate study : —

### GREEK

**The Hutchins Prize** of sixty dollars, to the best scholar in Greek at the end of the Junior year, given by the late Hon. Waldo Hutchins of New York. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

### LATIN

**The Bertram Prizes** of fifty, thirty, and twenty dollars respectively, given by the late John Bertram of Salem. In 1902 these prizes will be awarded for the best essays by Seniors upon the beginnings of Latin philosophical literature and of Latin Christian literature, as illustrated by the *De Rerum Natura* of Lucretius, and the *Liber Apologeticus* of Tertullian, with an excursus on the civilization and language of Roman Africa in the second century A.D.

**The Billings Prizes**, one of thirty dollars and one of twenty dollars, given by the late Parmly Billings of Billings, Montana, for excellence in the Latin of at least two terms of the Senior year.

**The Law Latin Prize** of ten dollars, for excellence in the Law Latin of the Senior year.

**The Thompson Prizes**, of thirty, twenty, and ten dollars respectively, given by the Rev. Walter Thompson of Garrison's, New York, for the highest scholarship in the Latin of the Junior year, together with especial work.

**The Sophomore Prizes**, one of twenty dollars and one of ten dollars, for the best examinations on portions of the work especially connected



with the study of Latin philology, together with general excellence in the work of the year.

**The Freshman Prizes**, one of twenty dollars and one of ten dollars, for the highest scholarship in the work of Freshman year. The award will generally be determined by the regular recitations and examinations, but a special examination may be required.

### ENGLISH

**The Kellogg Prizes**, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of Green Bay, Wisconsin, for excellence in declamation.

**The Hardy Prizes**, the first prize of thirty dollars, the second prize of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking. These prizes are awarded in Commencement week.

**The Hyde Prize** of one hundred dollars, given by Benjamin D. Hyde of Boston, in memory of his father, Henry D. Hyde, for many years a Trustee of Amherst College, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

**The Bond Prize** of one hundred dollars, given by the late Ephraim W. Bond of Springfield, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

**The Kent Prize in English Literature** of one hundred dollars, given by Daniel Kent of Leicester, for the best essay upon an assigned subject. The essay for 1902 may be written upon either of the following subjects: (1) The Political Pamphlet of the Age of Queen Anne; (2) Wordsworth and his Followers; (3) James Russell Lowell as a Satirist.

**The Hogan Prizes** of forty dollars in books, given by Timothy Hogan of New York, in memory of his son, Arthur F. Hogan of the class of 1891, to members of the class in public speaking who excel in oratorical composition the second term of Junior year.

**The Ladd Prizes** of fifty dollars in books, given by J. W. Ladd of Portland, Oregon, to members of the class in public speaking who excel in oratorical composition the second term of Junior year.

**The Armstrong Prizes** of one hundred dollars in books, given by Collin Armstrong of New York, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

### BIBLICAL LITERATURE

**The Boynton Term Prizes** of thirty dollars, given by the family of the late Eleazar Boynton of Medford, to encourage personal study and investigation of the Bible. These prizes are divided into three of ten dollars each, and are awarded, one at the end of each term, to the student who writes the best essay on an assigned topic covering the work of the term. No award will be made in case all the essays submitted are found unsatisfactory.

### MATHEMATICS, PHYSICS, AND ASTRONOMY

**The Walker Prize** of two hundred dollars, given by the late William J. Walker of Newport, Rhode Island, for excellence in the mathematics of Sophomore year, as exhibited in both oral and written examinations. One-fourth of the amount is paid at the end of Sophomore year, and the remainder at the end of a year of graduate study pursued under the direction of the Faculty.

**The Porter Prize** of thirty dollars, given by the late Eleazer Porter of Hadley, for highest scholarship in physics and astronomy. This award is made at the conclusion of the collegiate course, and is determined by the record of all recitations and examinations in these departments.

### NATURAL SCIENCE

**The Shepard Mineralogical Prizes** of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, to members of the Senior class for greatest excellence in the department of mineralogy.

**The Sawyer Prize**, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer of Easthampton, for the best work in human anatomy and physiology.

**The A. Lyman Williston Prize** of ten dollars, given by A. Lyman Williston of Northampton, to that member of the Freshman class who takes the best series of lecture notes in the course on personal hygiene.

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#### THE PORTER ADMISSION PRIZE

**The Porter Admission Prize** of forty dollars, given by the late Eleazer Porter of Hadley, to the candidate who passes the best examination for admission to the Freshman class, in the classical course. The name of the successful candidate, together with that of the school at which or the instructor with whom he prepared for college, is published in the catalogue. Competition for this prize is limited to students who present for admission the full requirements in Latin and Greek.

#### THE NEWTON ADMISSION PRIZE

A prize of one hundred dollars is offered to the student residing in Newton, Massachusetts, who shall pass the best entrance examination in June or September. The examinations may be taken at Amherst or at the Newton High School.

#### THE ILLINOIS ADMISSION PRIZE

A prize of one hundred dollars is offered to that student residing in the state of Illinois who shall pass the best entrance examination in June or September. The examinations may be taken at Amherst or at the Evanston High School.

#### OTHER PRIZES

**The Leland Prize** of one hundred dollars, given by Dr. George A. Leland of Boston, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

**The Ladd Prizes**, the sum of one hundred dollars, given by William M. Ladd of Portland, Oregon, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

**The Woods Prize** of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the collegiate course.

## Scholarship and Beneficiary Aid

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THE beneficiary funds of the College exceed two hundred and eighty-five thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually by a committee of the Faculty, among students of high character and good scholarship who need pecuniary aid.

In this distribution the following general rules are observed :—

(1) Improvement in college work is recognized by an increase in the amount granted to the applicant for the succeeding year.

(2) No aid from beneficiary funds is given to (*a*) students who fail to maintain a high standard of honor in college life; (*b*) students who are delinquent in any subject at the time of their application; (*c*) students whose average rank for the year preceding their application has been below sixty-five per cent; (*d*) students who indulge in expensive habits or whose expenditures for the year preceding their application have exceeded five hundred dollars; (*e*) students who enter the College for special courses of study, without reference to a degree.

(3) Awards from beneficiary funds are paid in two instalments on the first of October and March respectively, when the college term-bills become due; but the second instalment of these awards is payable only on condition that the applicant is free from all delinquencies in his college work on the first of March.

(4) The receipt of financial assistance for a given year establishes no claim to a subsequent award.

(5) Applicants for beneficiary aid in the three upper classes must file at the Registrar's office before the first of October a certified statement of their resources for the current academic year, together with three letters of recommendation, giving evidence of their need, attainments, and character. In place of the above specified letters of recommendation, applicants for the renewal of such aid must present a

certified account of their expenditures and income for the year preceding their application.

(6) Upon nomination by the principal or teacher who prepared them for college, applicants from the entering class who are of exceptional ability and sound character may be assured, in advance of the opening of the college year, of awards varying from fifty to one hundred dollars, according to their need and attainments. Candidates for the Christian ministry may be assured of awards covering full tuition, one hundred and ten dollars, provided their character and scholarship command the confidence of the committee. Assured awards are not payable unless the applicant is free from entrance conditions on the first of October, and from all delinquencies in his college work on the first of March. Blanks for scholarship applications may be obtained of the Registrar; and applications must be accompanied by three letters of recommendation, giving evidence of the applicant's character and attainments, and especially of his need of pecuniary aid. No awards to the entering class will be announced before the first of May.

Awards are made from the income of the following funds:—

**The Charitable Fund**, of \$90,000, exclusively in aid of those studying for the Christian ministry.

**The Stone Scholarship Fund**, of \$25,000, in awarding the income of which preference is given to the sons of missionaries and ministers.

**The Class of 1871 Scholarship Fund**, of \$25,000, established by a former member of the class.

**The William Hilton Scholarship Fund**, of \$17,500, by a bequest of William Hilton of Boston.

**The Hitchcock Scholarship Fund**, of \$10,000, established by Samuel A. Hitchcock of Brimfield.

**The Whitcomb Scholarship Fund**, of \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

**The Day Benevolent Fund**, of \$5000, by a bequest of Moses Day of Boston.

**The Seymour Scholarship Fund**, of \$5000, by a bequest of James S. Seymour of Auburn, New York.

**The John E. Sanford Scholarship Fund**, of the class of 1851, of \$5000.

**The Farnsworth Scholarship Fund**, of \$3000, established by Isaac D. Farnsworth of Boston.

**The Knowles Scholarship Fund**, of \$3000, by a bequest of Lucius J. Knowles of Worcester.

**A Scholarship Fund**, of \$3000, given by a friend.

**The Reed Scholarship Fund**, of \$2500, by a bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

**The Persian Scholarship Fund**, of \$2000, by a bequest of Rev. James L. Merrick of Amherst.

**The Charles Merriam Scholarship Fund**, of \$2000, established by Charles Merriam of Springfield.

**The Quincy Tufts Scholarship Fund**, of \$2000, by a bequest of Quincy Tufts of Boston.

**The Henry Gridley Scholarship of the Class-of-1862 Fund**, of \$2000, established by the Class, in memory of their classmate whose name it bears.

**The Borden Scholarship Fund**, of \$2000, by a bequest of Samuel Augustus Borden of Boston.

**The Anderson Scholarship Fund**, of \$2000, by a bequest of Samuel Augustus Borden of Boston.

**The W. Eugene Kimball Scholarship Fund**, of \$2000, established by Robert J. Kimball of Brooklyn.

**A Scholarship Fund**, of \$2000, given by a friend.

**The Alexander H. Bullock Scholarship Fund**, of \$1500, established by Alexander H. Bullock of Worcester, of the Class of 1836.

**The Scholarship of the Class-of-1836 Fund**, of \$1500, established by the Class.

**The Scholarship of the Class-of-1853 Fund**, of \$1500, established by the Class.

**The Scholarship of the Class-of-1871 Fund**, of \$1400, established by the Class.

**The Scholarship of the Class-of-1826 Fund**, of \$500, established by two members of the class.

**The Scholarship of the Class-of-1844 Fund**, of \$500, established by three members of the Class.

Thirty scholarship funds of \$1000 each, as follows : —

**The Levi Russell Scholarship Fund**, established by Levi Russell of Hadley.

**The Tuttle Scholarship Fund**, by bequest of Mrs. Sarah Tuttle of Wayland.

**The George Cook Scholarship Fund**, established by George Cook of Keene, New Hampshire, of the class of 1841.

**The Enos Dickinson Scholarship Fund**, established by Enos Dickinson of Amherst.

**The John C. Newton Scholarship Fund**, established by John C. Newton of Worcester.

**The James H. Newton Scholarship Fund**, established by James H. Newton of Holyoke.



**The Johnson Scholarship of the Class-of-1823 Fund**, established by A. J. Johnson of New York City.

**The Southworth Scholarship of the Class-of-1822 Fund**, established by Wells Southworth of New Haven, Connecticut.

**The Joseph Carew Scholarship Fund**, established by Joseph Carew of South Hadley Falls.

**The Gregory Scholarship of the Class-of-1850 Fund**, established by James J. H. Gregory of Marblehead.

**The Dolly Coleman Blake Scholarship Fund**, by bequest of Dolly Coleman Blake of Boston.

**The Miller Scholarship Fund**, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller, of the class of 1869.

**The Green Scholarship Fund**, by a bequest of Rev. Henry Solomon Green of Andover, of the class of 1834, as a memorial gift from himself and H. M. Green of the class of 1865.

**The Thomas Hale Scholarship Fund**, established by Mrs. Alice T. March of Newburyport.

**The Mary W. Hyde Scholarship Fund**, by a bequest of Mary W. Hyde of Boston.

**The Sarah B. Hyde Scholarship Fund**, by a bequest of Sarah B. Hyde of Boston.

**The W. S. Tyler of the Class-of-1830 Fund**, by a bequest of the late Professor William Seymour Tyler.

**The Scholarship Funds**, established by and bearing the name of —

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

**The Composite Scholarship Fund**, established by the following classes : —

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

Scholarship funds yielding the following amounts annually : —

**The Moore Scholarships**, three of \$140 each, founded by Rev. Zephaniah Swift Moore, D.D., first president of the College.

**The State Scholarships**, three of \$110 each, covering full tuition.

**The Adams Scholarships**, three of \$40 each, by a bequest of Asahel Adams of North Brookfield.



Also the following scholarships maintained by annual gifts : —

**The Sayles Scholarship**, of \$100, by Fred Thomas Sayles of the class of 1881.  
**The A. Lyman Williston Scholarship**, of \$75, by A. Lyman Williston of Northampton.

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## Student Loan Fund

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**T**HROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one, two, or three years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship, not preparing for the ministry, and whose habits of expenditure are economical.

# The College Library

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THE COLLEGE LIBRARY contains about seventy-five thousand volumes, selected mainly with reference to purposes of study and thoughtful reading. The object kept constantly in view is to broaden the scope of the work of both teachers and students; and the library is therefore well furnished with books of a general and illustrative character, so that any subject may readily be pursued beyond the limits of text-book or monographic treatment.

The funds available for the increase of the library, and restricted to that use, yield an annual income of about three thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain the encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves in the main library-room. In each section of the room, chairs and tables near the shelves furnish facilities for using the books, and the librarian and assistants are ready to give each applicant all needed help in reading and research. By this means students gradually become familiar with the use of a library, and acquire something of the bibliographic sense indispensable to the genuine scholar. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8 A.M. to 9.30 P.M. every day excepting Sundays and holidays. During vacations the library and reading-room are opened regularly once a week, at an hour convenient to the librarians.

By vote of the trustees, the library building bears the name of The

Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

A number of slabs, sculptured in the earliest style of Assyrian art about 900 B.C., and obtained by the late Dr. Henry Lobbell from the palace-walls of Sardanapalus at Nimroud, are in the porch of the library.

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## The Mather Collection of Art

THE College is furnished with a large collection of casts of statuary, illustrating the leading periods of historical sculpture. It comprises over fifty statues and groups from the antique, as well as illustrations of the works of Michel Angelo, Canova, and Thorwaldsen, all of the size of the originals. It was gathered chiefly through the agency of the late Professor Richard H. Mather, D.D., and it has been named by the Trustees in his honor. Also the collection has nearly as many statuettes and busts illustrating the same subjects, besides copies of the most important antique bas-reliefs, including the Panathenaic frieze from the Parthenon, which encircles the hall containing the casts. In addition to the above, there are full-sized casts of the Ghiberti gates at Florence, and of Crawford's doors of the Capitol at Washington.

The collection occupies the third floor of Williston Hall and is open every week-day from the middle of May to the first of December, from two to four P.M. During the winter months visitors are admitted by applying to the custodian.

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## Laboratories and Apparatus

NEW laboratories for chemistry and physics have been erected upon the land added to the College campus by gift of Mr. D. Willis James. The chemical laboratory has ample accommodations for all needs of the department. It contains on the first floor a Senior laboratory and balance room for quantitative analysis; also another laboratory, arranged with sixty desks, fitted for the qualitative work of Junior year. Adjacent are the supply rooms. Upon the second floor is a lecture room with

accommodation for the largest classes, and adjoining is a commodious room for all preparations and apparatus for lecture experiments. Upon the same floor is a working laboratory for students in general chemistry, where sixty can easily be accommodated at one time. Also on this floor is a laboratory arranged for organic and sanitary work, with a combustion room contiguous. Upon each floor is a convenient recitation room for drill work. A library room is in proximity to the work of the more advanced students. In the well-lighted basement are store-rooms for glassware, chemicals and acids, an assay room, a gas analysis room, and a workshop.

On the main floor of the physical laboratory is a large lecture room, provided with a variety of arrangements to aid in demonstrations. Immediately adjoining the lecture room is an apparatus room with a valuable and complete collection for lecture illustration. There are also on this floor a library and reading room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscope room equipped with a powerful concave-grating spectroscope. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power. Throughout the building slate shelves and brackets are built into the walls to secure steadiness, and in the basement are substantial piers. The collection of apparatus includes many instruments of precision suitable for investigation as well as instruction.

The biological laboratory is connected with the Appleton Cabinet. On the first floor is the large recitation room, containing the study collections of animals and a full local herbarium. The collection is illustrated by a set of Leuckart's wall charts. Adjoining the recitation room is the reading room, or department library. This library, the gift of former students in the department, contains at present about two hundred and fifty volumes, and includes two or more copies of the larger and more expensive text-books and books of reference. The student is thus enabled to study the specimen with the best charts and books of reference immediately within his reach. On the south side of the second floor is the large laboratory for beginners, where forty men can find place and light to work at the same time. With few exceptions, however, each division is limited to twelve students. On

the north side is the laboratory for advanced work, with accommodations for about twenty students. Both laboratories are abundantly supplied with microscopes, microtomes, and all needed instruments.

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## The Observatory

AMHERST COLLEGE OBSERVATORY contains a seven-and-one-quarter-inch telescope by Alvan Clark, an alt-azimuth, two transits with the usual accessories for meridian observations; surveying and engineering instruments, a twelve-inch reflector, and much other apparatus, chiefly of use on eclipse expeditions. The Observatory and its equipment are maintained both for educational purposes and for original research. Connected with the Observatory is the division of practical meteorology, in which observations of the chief meteorological elements are systematically conducted in continuance of the work begun in 1835 by the late Professor Snell, and maintained without interruption to the present time. A bequest of the late Charles T. Wilder of Wellesley Hills has enabled the Trustees to purchase an excellent site near the College, upon which a new Observatory with a thoroughly modern equipment will soon be erected.

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## The Natural History Collections

THE WOODS CABINET is named in honor of its principal donor, the late Hon. Josiah B. Woods of Enfield. It contains all the geological collections of the College, consisting of the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection; comprising in all about 25,000 specimens.

In the Appleton Cabinet, named in honor of the late Hon. Samuel Appleton of Boston, are the Hitchcock ichnological collection, the Gilbert museum of Indian relics, and the Adams zoölogical collection.

In the ichnological collection, named after President Hitchcock, are to be found about 1400 specimens, containing at least 20,000 tracks

of animals in stone, together with plaster and clay casts of tracks of living and extinct species of animals. The museum of Indian relics receives its name from the Hon. George Gilbert of Ware, by whose liberality it was mainly established. It comprises about 3500 specimens of the stone implements of extinct Indian tribes, principally those who lived in the Connecticut valley. The zoölogical collection was originally gathered and arranged by Professor Charles B. Adams. It comprises prepared specimens of animals and their habitations, and dried plants, representing all the great groups of the animal and vegetable kingdoms. In the department of shells it is particularly extensive and valuable. A collection in comparative osteology, and the clastic models of Auzoux, are incorporated with the zoölogical collection. The collections arranged in these several cabinets contain more than 100,000 specimens of the animal, mineral, and vegetable kingdoms.

By the gift of the Hon. Elbert E. Farman, LL.D. of Warsaw, New York, the College possesses Audubon's celebrated collection of birds, amounting in all to about six hundred specimens. Many of these are the typical specimens by which the species were determined, and about one hundred have been mounted for exhibition in the Appleton Cabinet. Also, there have been added to this collection by the same donor several of the rarer California birds which have been discovered since the death of Audubon.

The cabinets are open to the public every week-day from three to four P.M.

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## The Pratt Gymnasium

THE new building bears the name of the Pratt Gymnasium, in honor of Charles M. Pratt of New York, of the class of 1879. The main hall affords ample space for a class to receive drill-practice with light apparatus, and to execute certain marching movements. The equipment of specialized apparatus is complete, and enables a large number of students to take individual and voluntary exercise simultaneously. The facilities of the dressing-room and the bathing-rooms are abundant.

On the main floor are the rooms of the Professor of hygiene, and apartments for the examination and measurement of students, well equipped with the anthropometric apparatus necessary for this purpose.

The two physicians of the College are in daily attendance, to give their personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a billiard-room, open during a portion of each week-day. In the basement are the bowling-alleys, a sparring-room, an area for the use of Indian clubs, and ample space for practice at the game of base-ball. During term-time the gymnasium is open every week-day from 8.15 A.M. to 6 P.M.

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## The Pratt Field and Recreation Grounds

THE PRATT FIELD, an area of about thirteen acres, less than a third of a mile from the College chapel, and superbly located on the eastern slope of the Connecticut valley, is a gift to the College from Frederic B. Pratt of New York, of the class of 1887. Immediately adjacent to this field is Hallock Park, an original forest of six acres. These grounds are not intended merely for those who compete in games, but are arranged for outdoor recreation of all the students of the College. The control of the field and of the financial matters of the athletic associations is vested in The Amherst College Athletic Board, on which are representatives of the Faculty, alumni, and undergraduates.

The field for athletics has been graded to an exact level. It is provided with cinder-tracks and courses for the field-contests of modern athletics; and ample provision is made for the base-ball diamond and the foot-ball grounds. The new grand stand seats about five hundred, and furnishes standing room for as many more. Provision is made for the needs of those who use the grounds, in reception-rooms, bath-rooms, and store-rooms. It has been the aim of the donor to give to the College a beautiful and commodious field, for rendering thoroughly enjoyable the out-of-door exercise which Amherst encourages in physical training.



## The Pratt Health Cottage

IN a retired location both elevated and healthful, three-fourths of a mile northeast from the College grounds, has recently been erected a building known as the Pratt Health Cottage, the joint gift of George D. Pratt of the class of 1893, Herbert L. Pratt of the class of 1895, and John T. Pratt of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physicians have general charge of all cases in the infirmary, except that any student is at liberty to employ a physician of his own choice and school of medicine, so far as is allowed by the laws of this state. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. A matron in attendance upon the Cottage is ready at all hours during term-time to relieve sick or disabled students, and provide for their urgent necessities, pending any arrangement for especial treatment. The cost to each patient is only a charge sufficient to defray such expense as may be incurred by his being an inmate of the Cottage. Provision is made for the expenses of a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D. of the class of 1844, one in memory of President William S. Clark, LL.D. of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D. of the class of 1834.

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## The Amherst Country Club

About a quarter of a mile south of the college is the Amherst Country Club, which, upon a tract of about six acres, has an excellent golf course, besides tennis courts, and a large clubhouse. Students may become members on payment of an entrance fee of ten dollars and an annual fee of five dollars.

# Alumni Associations

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## The General Association

*(Annual Meeting on Commencement Day)*

*President :* WILLIAM I. WASHBURN, Esq.

*Vice-Presidents :*

Rt. Rev. FREDERIC D. HUNTINGTON, D.D.

Rev. GEORGE W. PHILLIPS, D.D.

BRADFORD W. HITCHCOCK, Esq.

CLARENCE R. HYDE, Esq.

Professor JOHN M. TYLER

*Secretary and Treasurer :*

Professor DAVID P. TODD, Amherst

## Executive Committee of the Alumni

Rev. GEORGE E. FISHER, '46

Dr. EDWARD HITCHCOCK, '49

Professor WILLIAM C. ESTY, '60

Dr. JOSEPH W. FAIRBANKS, '66

Rev. ROBERT M. WOODS, '69

HENRY P. FIELD, Esq., '80

Rev. ROLAND C. SMITH, '82

Mr. WILLIAM E. PARKER, '84

Mr. ARTHUR C. JAMES, '89

## The Association of Boston and Vicinity

*President :* Rev. EDWARD S. TEAD

*Secretary :* Mr. OLIVER B. MERRILL, 14 Beacon St.

## The Amherst Association of New York

*President :* Mr. WILLIAM R. MEAD

*Secretary :* GROSVENOR H. BACKUS, Esq., 57 Livingston St., Brooklyn.

The Association of Lowell

*President* : Rev. JOHN M. GREENE, D.D.

*Secretary* : Mr. CHARLES W. MOREY, 14 Belmont St.

The Association of Central Massachusetts

*President* : Mr. CLARENCE H. WHITE

*Secretary* : Mr. HENRY E. WHITCOMB, Station A, Worcester

The Association of Ohio

*President* : Rev. FRANCIS E. MARSTEN, D.D.

*Secretary* : TOD B. GALLOWAY, Esq., 553 E. Town St., Columbus

The Amherst Club of Chicago

*President* : WALTER M. HOWLAND, Esq.

*Secretary* : Mr. FREDERICK S. FALES, 4002 Lake Avenue

The Association of Baltimore

*Vice-President* : Rev. ARTHUR C. POWELL, 709 Park Avenue

The Northwest Association

*President* : EMERSON W. PEET, Esq.

*Secretary* : WALLACE H. DAVIS, Esq., 200 Oneida Block, Minneapolis

Young Alumni Association of Boston and Vicinity

*President* : Mr. ALFRED E. STEARNS

*Secretary* : BENJAMIN K. EMERSON, Jr., M.D., Mass. General Hospital

The Connecticut Valley Association

*President* : Hon. GEORGE P. LAWRENCE

*Secretary* : HERBERT C. EMERSON, M.D., 11 Maple St., Springfield

The Association of Kansas City

*President* : Mr. EDWIN FOWLER

*Secretary* : Mr. WILSON H. PERINE, 413 Exchange Building

**The Association of Philadelphia and Vicinity**

*President:* Rev. LEVERETT BRADLEY

*Secretary:* R. STUART SMITH, Esq., 4102 Locust St.

**The Association of Western Pennsylvania**

*President:* JOHN A. EMERY, Esq.

*Secretary:* WILLIAM D. EVANS, Esq., Times Building, Pittsburgh

**The Rocky Mountain Association**

*President:* President W. F. SLOCUM, LL.D.

*Secretary:* EDWARD D. UPHAM, Esq., Denver

**The Association of Rhode Island**

*President:* Mr. GEORGE E. CHURCH

*Secretary:* W. B. GREENOUGH, Esq., 49 Westminster St., Providence

**The Association of Southern California**

*President:* Rev. D. HERBERT COLCORD

*Secretary:* Professor EDWIN C. NORTON, Claremont

**The Association of St. Louis**

*President:* WILLIAM B. HOMER, Esq.

*Secretary:* Mr. PERCY H. BOYNTON, Smith Academy

**The Association of Central New York**

*President:* Hon. JOHN B. STANCHFIELD

*Secretary:* Mr. J. EDWARD BANTA, Binghamton

**The Association of Western New York**

*President:* Rev. HERBERT G. LORD

*Secretary:* WILLARD P. SMITH, Esq., Erie County Bank Bldg., Buffalo

**The Association of Arizona**

*President:* Mr. STUART W. FRENCH

*Secretary:* Mr. CHARLES B. WEIL, Mesa

## The Phi Beta Kappa Society

*President:* Professor EDWIN A. GROSVENOR, M.A.

*Corresponding Secretary:*

Professor WILLIAM L. COWLES, M.A.

*Recording Secretary:*

Mr. ROBERT W. MAYNARD

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### RAILROAD CONNECTIONS

The Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst. There is an electric street railway between Amherst and Northampton.

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The Catalogue of the graduates of the College is published every fifth year. The last issue of the QUINQUENIAL CATALOGUE was that for the year 1900.

The Alumni Address List, containing the post-office addresses of living graduates, is published annually during the winter term.

The Obituary Record of graduates deceased during the year is distributed at Commencement.

All persons who are able to furnish information for any of these publications are asked to communicate with the Registrar.

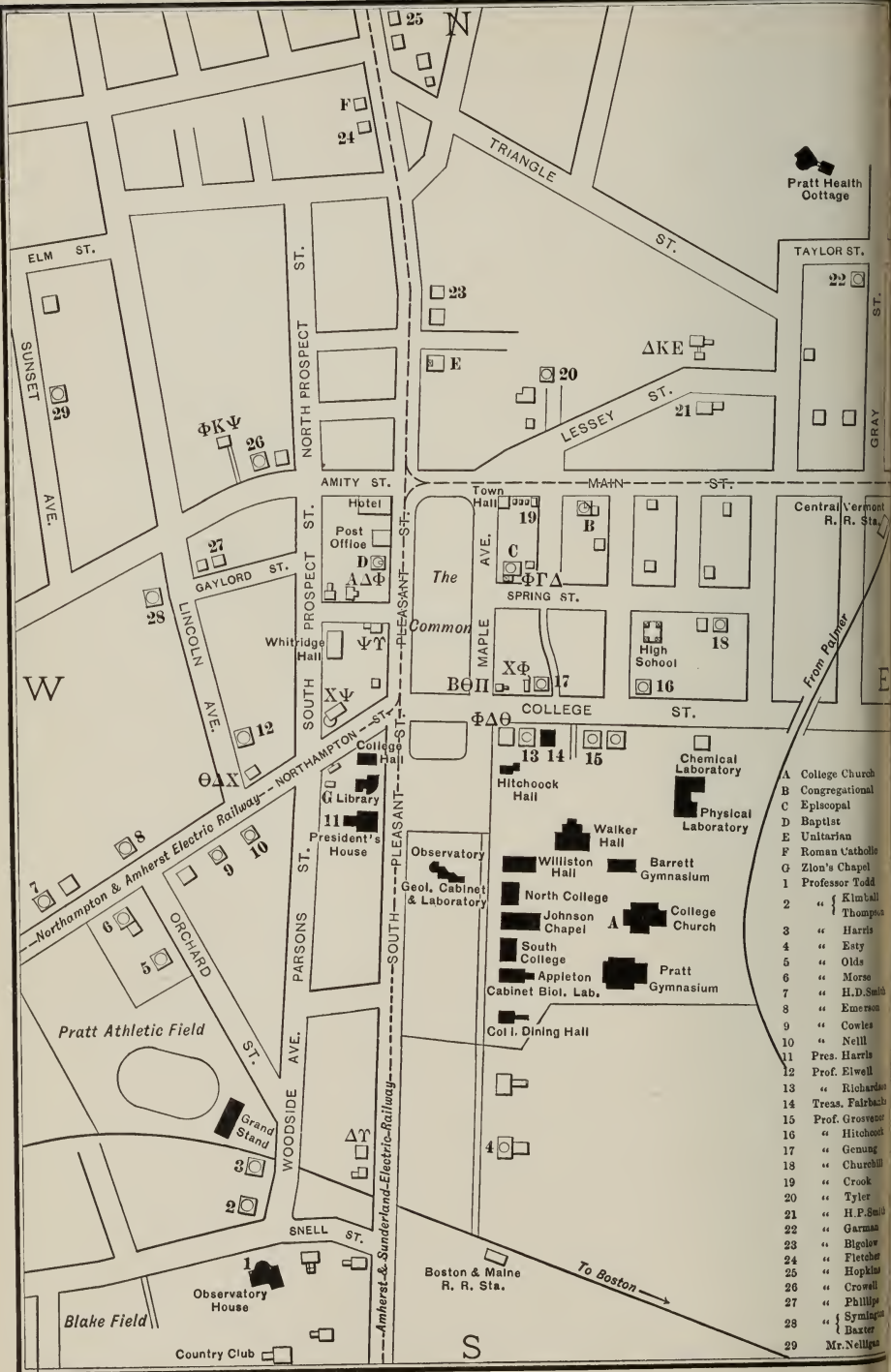
For catalogues, examination papers, and general information respecting the College, app'y to the Registrar.

Norwood Press

J. S. Cushing & Co. — Berwick & Smith  
Norwood Mass. U.S.A.



*AMHERST COLLEGE CATALOGUE*



- A College Church
- B Congregational
- C Episcopal
- D Baptist
- E Unitarian
- F Roman Catholic
- G Zion's Chapel
- 1 Professor Todd
- 2 " { Kimball
- 3 " { Harris
- 4 " { Esty
- 5 " { Olds
- 6 " { Morse
- 7 " { H.D. Smith
- 8 " { Emerson
- 9 " { Cowles
- 10 " { Neill
- 11 Pres. Harris
- 12 Prof. Elwell
- 13 " { Richardson
- 14 Treas. Fairbanks
- 15 Prof. Grosvenor
- 16 " { Hitchcock
- 17 " { Gennung
- 18 " { Churchill
- 19 " { Crook
- 20 " { Tyler
- 21 " { H.P. Smith
- 22 " { Garman
- 23 " { Bigelow
- 24 " { Fletcher
- 25 " { Hopkins
- 26 " { Crowell
- 27 " { Phillips
- 28 " { Symington
- 29 " { Baxter
- Mr. Neillman

# Amherst College Catalogue

For the Year  
1902—1903



Amherst ✦ Massachusetts

Published by the College

B. S.

1902

JULY						
S	M	T	W	T	F	S
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AUGUST						
S	M	T	W	T	F	S
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

SEPTEMBER						
S	M	T	W	T	F	S
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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..

OCTOBER						
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..

NOVEMBER						
S	M	T	W	T	F	S
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9	10	11	12	13	14	15
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23	24	25	26	27	28	29
30	..	..	..	..	..	..

DECEMBER						
S	M	T	W	T	F	S
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
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1903

JANUARY						
S	M	T	W	T	F	S
..	..	..	..	1	2	3
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11	12	13	14	15	16	17
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FEBRUARY						
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MARCH						
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APRIL						
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MAY						
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24	25	26	27	28	29	30
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JUNE						
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SEPTEMBER						
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OCTOBER						
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NOVEMBER						
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DECEMBER						
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1904

JANUARY						
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FEBRUARY						
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MARCH						
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APRIL						
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MAY						
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JUNE						
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19	20	21	22	23	24	25
26	27	28	29	30	..	..



# College Calendar

1902

September	18,	THURSDAY,	Autumn Term began at 11.30 A.M.
October	9,	THURSDAY,	Holiday (Mountain-day)
November	26-28,	{ THANKSGIVING RECESS: Wednesday, 12.45 P.M. to Friday, 2 P.M.	
December	18,	THURSDAY,	Autumn Term ended at 12.45 P.M.

## Winter Recess

1903

January	2,	FRIDAY,	Winter Term began at 11.30 A.M.
February	8,	SUNDAY,	Day of Prayer for Colleges
	23,	MONDAY,	Holiday (Washington's Birthday)
March	18,	WEDNESDAY,	{ Ladd and Leland Prize Gymnastic Exhibitions
	26,	THURSDAY,	
			Winter Term ends at 12.45 P.M.

## Spring Recess

April	9,	THURSDAY,	Spring Term begins at 11.30 A.M.
May	30,	SATURDAY,	Holiday (Memorial Day)
June	16,	TUESDAY,	First Examinations for Admission begin
	21,	SUNDAY,	Baccalaureate Sermon
	22,	MONDAY,	{ Hardy Prize Debate Kellogg Prize Declamations
	23,	TUESDAY,	
			{ Class-day Hyde Prize Exhibition in Oratory Meeting of the Alumni Commencement Exercises Alumni Dinner President's Reception
	24,	WEDNESDAY,	

## Summer Vacation

September	21,	MONDAY,	Second Examinations for Admission begin
	24,	THURSDAY,	Autumn Term begins at 11.30 A.M.
October	3,	SATURDAY,	Porter Prize Entrance Examinations begin
	—	(day not fixed), Holiday (Mountain-day)	
November	25-27,	{ THANKSGIVING RECESS: Wednesday, 12.45 P.M. to Friday, 2 P.M.	
December	23,	WEDNESDAY,	Autumn Term ends at 12.45 P.M.

## Organization

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AMHERST COLLEGE was opened 19th September 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received 21st February 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforward be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed and approved by the Governor 28th April 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is The Trustees of Amherst College.

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

# Corporation

---

HON. JOHN E. SANFORD, LL.D. . . . Taunton, Mass.

*President of the Corporation*

REV. GEORGE HARRIS, D.D., LL.D. . . . Amherst, Mass.

*President of the College*

G. HENRY WHITCOMB, M.A. . . . Worcester, Mass.

REV. E. WINCHESTER DONALD, D.D., LL.D., Boston, Mass.

REV. MICHAEL BURNHAM, D.D. . . . St. Louis, Mo.

REV. WILLIAM HAYES WARD, D.D., LL.D., New York, N. Y.

D. WILLIS JAMES, M.A. . . . New York, N. Y.

WALTER M. HOWLAND, M.A. . . . Chicago, Ill.

PROFESSOR WILLISTON WALKER, D.D., New Haven, Conn.

*Secretary of the Corporation*

CHARLES M. PRATT . . . New York, N. Y.

HON. CHARLES H. ALLEN, LL.D. . . . Lowell, Mass.

ARTHUR H. DAKIN, M.A. . . . Boston, Mass.

FRANK N. LOOK . . . Florence, Mass.

GEORGE A. PLIMPTON . . . New York, N. Y.

MASON W. TYLER, M.A. . . . Plainfield, N. J.

REV. HENRY H. KELSEY, M.A. . . . Hartford, Conn.

REV. L. MASON CLARKE, D.D. . . . Brooklyn, N. J.

---

JOSEPH W. FAIRBANKS, PH.D. . . . Amherst, Mass.

*Treasurer of the Corporation*

## Overseers of the Charitable Fund

---

Rev. JOHN M. GREENE, D.D. . . . .	Lowell, Mass.
M. FAYETTE DICKINSON, M.A. . . . .	Boston, Mass.
Professor WILLIAM B. GRAVES, M.A. . . .	Andover, Mass.
JOHN C. HAMMOND, M.A. . . . .	Northampton, Mass.
Rev. ROBERT M. WOODS, M.A. . . . .	Hatfield, Mass.
LEWIS W. WEST . . . . .	Hadley, Mass.
Rev. JAMES W. BIXLER, M.A. . . . .	New London, Conn.

---

JOSEPH W. FAIRBANKS, PH.D., *Commissioner*

# Faculty

---

GEORGE HARRIS, D.D., LL.D.

*President of the College*<sup>1</sup>

EDWARD PAYSON CROWELL, D.D.

*Moore Professor of the Latin Language and Literature*

EDWARD HITCHCOCK, M.D., LL.D.

*Parmly Billings Professor of Hygiene and Physical Education,  
and Dean of the Faculty*

WILLIAM COLE ESTY, LL.D.

*Walker Professor of Mathematics and Astronomy*

ELIJAH PADDOCK HARRIS, PH.D., LL.D.

*Professor of Chemistry*

BENJAMIN KENDALL EMERSON, PH.D.

*Hitchcock Professor of Mineralogy and Geology*

Rev. HEMAN HUMPHREY NEILL, M.A.

*Williston Professor of English Literature*

ANSON DANIEL MORSE, LL.D.

*Winkley Professor of History*

HENRY BULLARD RICHARDSON, M.A.

*Professor of the German Language and Literature*

<sup>1</sup> On the Chester W. Chapin endowment

JOHN MASON TYLER, PH.D.

*Stone Professor of Biology*

CHARLES EDWARD GARMAN, D.D.

*Professor of Mental and Moral Philosophy*

DAVID P. TODD, PH.D.

*Professor of Astronomy,<sup>1</sup> Director of the Observatory, and  
Secretary of the Faculty*

Rev. JOHN FRANKLIN GENUNG, PH.D.

*Professor of Rhetoric*

WILLIAM LYMAN COWLES, M.A.

*Professor of Latin*

ARTHUR LALANNE KIMBALL, PH.D.<sup>2</sup>

*Professor of Physics*

GEORGE DANIEL OLDS, M.A.

*Professor of Mathematics*

Rev. EDWIN AUGUSTUS GROSVENOR, M.A.

*Professor of Modern Government and International Law*

LEVI HENRY ELWELL, M.A.

*Associate Professor of Greek, and Instructor in Sanskrit*

WILLIAM STUART SYMINGTON, JR., PH.D.

*Professor of the Romance Languages*

Rev. HENRY PRESERVED SMITH, D.D.

*Samuel Green Professor of Biblical History and Interpretation  
and Associate Pastor of the College Church*

<sup>1</sup> On the Sidney Dillon Fund endowment

<sup>2</sup> Absent on leave

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## Faculty

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GEORGE BOSWORTH CHURCHILL, PH.D.

*Associate Professor of English and Public Speaking*

JOSEPH OSGOOD THOMPSON, PH.D.

*Associate Professor of Physics*

ARTHUR JOHN HOPKINS, PH.D.

*Associate Professor of Chemistry*

JAMES WALTER CROOK, PH.D.

*Associate Professor of Political Economy*

PAUL CHRYSOSTOM PHILLIPS, M.D.

*Associate Professor of Hygiene and Physical Education*

WILLIAM PINGRY BIGELOW, M.A.

*Associate Professor of German and Music*

HARRY DEFOREST SMITH, M.A.

*Associate Professor of Greek*

THOMAS FRENCH, JR., PH.D.

*Acting Professor of Physics*

RICHARD FRANCIS NELLIGAN

*Instructor in Gymnastics and Athletics*

HERBERT PERCIVAL GALLINGER, PH.D.

*Instructor in History*

FREDERIC BREWSTER LOOMIS, PH.D.

*Instructor in the Biological Laboratory*



ARTHUR HENRY BAXTER, PH.D.

*Instructor in the Romance Languages*

ERNEST HATCH WILKINS, B.A.

*Instructor in the Romance Languages and Latin*

WILLIAM JESSE NEWLIN, B.A.

*Walker Instructor in Mathematics*

HOMER SMITH, PH.D.

*Instructor in English Literature*

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WILLIAM ISAAC FLETCHER, M.A.

*Otis Librarian*

ALFRED SHEPARD GOODALE, B.A.

*Registrar*

HARRY WELTON KIDDER, B.A.

*Assistant to the Treasurer*

## Committees of the Faculty

---

**Administration :** The PRESIDENT, Professors MORSE, SYMINGTON, TYLER, COWLES, OLDS.

**Library :** The PRESIDENT, Professors EMERSON, MORSE, OLDS, SYMINGTON, TYLER, COWLES, the TREASURER.

**Catalogue :** The PRESIDENT, Professors HITCHCOCK, TODD.

**Entrance Examinations :** Professors COWLES, KIMBALL, OLDS, ELWELL, SYMINGTON, CHURCHILL, HOPKINS, BIGELOW, H. DEF. SMITH, Dr. GALLINGER, the REGISTRAR.

**Certificate Privilege :** The PRESIDENT, Professors CROWELL, HOPKINS.

**Curriculum :** The PRESIDENT, Professors ESTY, HARRIS, EMERSON, NEILL, MORSE, RICHARDSON, GARMAN, COWLES, KIMBALL, SYMINGTON, H. DEF. SMITH.

**Scholarship and Beneficiary Aid :** The PRESIDENT, Professors HITCHCOCK, TYLER, COWLES, H. P. SMITH.

**Student Loan Fund :** The PRESIDENT, Professor TODD, the TREASURER.

**Monitors :** Professors CROWELL, HITCHCOCK, the REGISTRAR.

**Public Exhibitions :** The PRESIDENT, Professors HITCHCOCK, OLDS, GROSVENOR, CHURCHILL, THOMPSON, PHILLIPS.

**Commencement :** Professors HITCHCOCK, TODD, CHURCHILL.

**Degrees :** The PRESIDENT, Professors GENUNG, CROOK.

**Preachers and Public Worship :** The PRESIDENT, Professor H. P. SMITH.

**Alumni Teachers' Exchange :** Professors RICHARDSON, TYLER, GARMAN, GENUNG, COWLES, OLDS, the REGISTRAR.

# College Preachers

1901-1902

---

Mr. ROBERT E. SPEER . . . . .	New York, N. Y.
Rev. WILLIAM W. FENN, D.D. . . . .	Cambridge, Mass.
Rev. HENRY E. COBB, D.D. . . . .	New York, N. Y.
Rev. WILLIAM R. RICHARDS, D.D. . . . .	Plainfield, N. J.
Rev. WILFORD L. ROBBINS, D.D. . . . .	Albany, N. Y.
Professor GEORGE H. PALMER . . . . .	Cambridge, Mass.
President CHARLES CUTHBERT HALL, D.D. .	New York, N. Y.
Rev. R. HARMON POTTER . . . . .	Hartford, Conn.
Professor JOHN W. PLATNER . . . . .	Andover, Mass.
Rev. JOHN H. DENISON . . . . .	New York, N. Y.
Rev. PHILIP S. MOXOM, D.D. . . . .	Springfield, Mass.
Professor FRANCIS BROWN, D.D. . . . .	New York, N. Y.
Rev. LYMAN ABBOTT, D.D. . . . .	New York, N. Y.
Rev. ALEXANDER MCKENZIE, D.D. . . . .	Cambridge, Mass.
Rev. ALBERT J. LYMAN, D.D. . . . .	Brooklyn, N. Y.
Rev. SAMUEL E. HERRICK, D.D. . . . .	Boston, Mass.
Rev. JOHN T. STONE . . . . .	Baltimore, Md.
Rev. HOWARD S. BLISS . . . . .	Upper Montclair, N. J.
Rev. HOWARD A. BRIDGMAN . . . . .	Boston, Mass.
Rev. FRANCIS G. PEABODY, D.D. . . . .	Cambridge, Mass.
Rev. H. P. DEWEY, D.D. . . . .	Brooklyn, N. Y.
Rev. GEORGE A. GORDON, D.D. . . . .	Boston, Mass.
Rev. ALBERT W. HITCHCOCK . . . . .	Worcester, Mass.

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President HARRIS, Professors SMITH and GENUNG

## Fellows and Resident Graduates

---

WALTER STEARNS ALLEN, B.A. (1900) . . Holyoke, Mass.

*Laboratory Assistant in Geology*

EDWARD CHURCH SMITH, B.A. (1901). . . Brooklyn, N. Y.

*Laboratory Assistant in Chemistry*

FRANK OTIS REED, B.A. (1899) . . . Madrid, Spain

*Rufus B. Kellogg University Fellow*

LEONARD WAINWRIGHT POPE, B.A. (1902) . . Scranton, Pa.

*Roswell Dwight Hitchcock Memorial Fellow in History*

HARRY BLAKE TAPLIN, B.A. (1902) . . . Boston, Mass.

*South End House Fellow*

# Senior Class

Armsby, Alfred Lincoln	<i>Millbury, Mass.</i>	Δ T House
Atwood, Albert William	<i>New York, N. Y.</i>	A Δ Φ House
Baker, Arthur George	<i>Chicopee, Mass.</i>	20 North College
Bartlett, Draper Cooke	<i>Chicago, Ill.</i>	Ψ T House
Beach, Edmund Chandler	<i>Riverside, Ill.</i>	X Φ House
Bell, Robert Walter, Jr.	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Bennett, Byard Wilmarth	<i>East Orange, N. J.</i>	X Φ House
Bixby, Frederic King	<i>Woburn, Mass.</i>	Φ Δ Θ House
Boyer, Gouverneur Hammeken	<i>Pottsville, Pa.</i>	Δ K E House
Breed, James McVickar	<i>Malone, N. Y.</i>	Ψ T House
Burdick, Henry Langworthy	<i>Westerly, R. I.</i>	Δ K E House
Burke, Thomas Francis	<i>Holyoke, Mass.</i>	Φ Δ Θ House
Cadieux, Louis Edouard	<i>Holyoke, Mass.</i>	7 Parsons St.
Carrier, Albert Alonzo †	<i>Pittsburg, Pa.</i>	12 Spring St.
Childs, James Richmond	<i>Northbridge, Mass.</i>	6 Phillips St.
Clark, Edward Kissam, Jr.	<i>Binghamton, N. Y.</i>	Φ Δ Θ House
Clarke, Ralph Huntington	<i>Portland, Ore.</i>	B Θ II House
DeWolf, Joseph Cressy	<i>Lyme, Conn.</i>	Δ T House
Ewen, Alexander Cantlay	<i>Plainville, Mass.</i>	B Θ II House
Favour, Alpheus Hoyt	<i>Natick, Mass.</i>	Φ Δ Θ House
Field, Frederick Alfred, Jr.	<i>Rutland, Vt.</i>	Δ K E House
Fisher, Elisha Lynn	<i>Oneonta, N. Y.</i>	Δ K E House
Foster, Arthur Trow	<i>Beverly, Mass.</i>	Δ K E House
Getchell, Thomas Gardner	<i>Machias, Me.</i>	B Θ II House
Gould, Henry Black	<i>Southport, Conn.</i>	Ψ T House
Griswold, Clyde Tyler	<i>Cortland, N. Y.</i>	Δ K E House
Haradon, Roland Shaw	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Hardy, Edgar Drury	<i>Waterville, Me.</i>	Θ Δ X House
Hayes, Joseph Wanton	<i>Rochester, N. Y.</i>	A Δ Φ House
Hildreth, Robert Dudley	<i>Westfield, Mass.</i>	A Δ Φ House
Hildreth, Walter Almerian	<i>Pomfret Centre, Conn.</i>	Φ Δ Θ House
Hinds, John Mustapha	<i>Cortland, N. Y.</i>	Δ T House

† Special

# Senior Class

17

Homer, Roland Mather	<i>St. Louis, Mo.</i>	X Ψ Lodge
Johnson, Herman Norton	<i>Binghamton, N. Y.</i>	Φ K Ψ House
Kauffman, Ray Barr	<i>Des Moines, Iowa</i>	X Ψ Lodge
King, Stanley	<i>Springfield, Mass.</i>	Δ K E House
Krug, Adolph Nicolaus	<i>Boston, Mass.</i>	8 South College
Lake, David Harry	<i>Binghamton, N. Y.</i>	A Δ Φ House
Leary, William Henry	<i>Hatfield, Mass.</i>	Φ Γ Δ House
Longman, Edward George	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Maloney, John Phillip	<i>Northampton, Mass.</i>	1 North College
Marble, William Carey	<i>Los Angeles, Cal.</i>	Ψ T House
Miller, Sherman Ralsey, Jr.	<i>Detroit, Mich.</i>	Ψ T House
Morgan, William Conant	<i>Plainfield, N. J.</i>	Φ Δ Θ House
Morton, Allan Lloyd	<i>Holyoke, Mass.</i>	Φ Γ Δ House
Murdock, James Maxwell	<i>Boston, Mass.</i>	Φ Δ Θ House
Park, James Williams	<i>Walden, N. Y.</i>	Δ K E House
Patrick, George Neill	<i>Brooklyn, N. Y.</i>	Ψ T House
Phalen, Paul Stephens	<i>Worcester, Mass.</i>	Δ K E House
Pratt, William Jay, Jr.	<i>Des Moines, Iowa</i>	X Ψ Lodge
Priddy, Tom DeWitt	<i>Findlay, Ohio</i>	X Φ House
Rhodes, Marcus Arnold	<i>Taunton, Mass.</i>	A Δ Φ House
Robson, James Smith	<i>Lisbon Centre, N. Y.</i>	B Θ Π House
Sharpe, John	<i>Dundee, Scotland</i>	15 South College
Shearer, Frederick William	<i>Holyoke, Mass.</i>	Φ Γ Δ House
Smith, Charles Thomas Gray	<i>Sidney, N. Y.</i>	B Θ Π House
Snushall, Wilson	<i>Scipioville, N. Y.</i>	2 S. Pleasant St.
Sobotky, Irving	<i>Northampton, Mass.</i>	B Θ Π House
Stearns, Foster Waterman	<i>Newton, Mass.</i>	A Δ Φ House
Stevens, John Howard	<i>Worcester, Mass.</i>	Θ Δ X House
Stone, Frederic Nathaniel	<i>Auburn, Mass.</i>	Δ T House
Tay, Frederic Spence	<i>Salem, Mass.</i>	X Φ House
Taylor, James Stephen	<i>Pierce, Neb.</i>	Φ K Ψ House
Tead, Stanley Hovey	<i>Somerville, Mass.</i>	A Δ Φ House
Thompson, Charles Blanchard	<i>North Sutton, N. H.</i>	1 Woodside Ave.
Thorpe, Abner, Jr.	<i>Cincinnati, Ohio</i>	X Φ House
Varnum, Harold Abbott	<i>Lowell, Mass.</i>	Θ Δ X House
Warren, Clifford Parker	<i>Springfield, Mass.</i>	B Θ Π House
Washburn, Walter Rice	<i>Springfield, Mass.</i>	X Φ House
Wells, Elisha Edward	<i>Hatfield, Mass.</i>	Φ Γ Δ House
Winsor, Dwight Oscar	<i>Marshall, Mich.</i>	X Ψ Lodge
Wooster, Earl Stanley	<i>Homer, N. Y.</i>	8 South College

# Junior Class

Adams, Francis, Jr.	<i>Chicago, Ill.</i>	Δ K E House
Allen, Harold Bickford	<i>Sag Harbor, N. Y.</i>	Φ Δ Θ House
Amidon, Ralph C.	<i>Worcester, Mass.</i>	Δ T House
Baker, Robert Horace	<i>Springfield, Mass.</i>	Φ K Ψ House
Ballard, Howard Thompson	<i>Hampden, Mass.</i>	B Θ Π House
Ballou, Charles Everett	<i>Worcester, Mass.</i>	Φ Γ Δ House
Bartlett, Donald Lord	<i>Poughkeepsie, N. Y.</i>	A Δ Φ House
Baumann, Albert Otto	<i>Fremont, Ohio</i>	B Θ Π House
Beam, Charles Willet	<i>Passaic, N. J.</i>	25 South College
Biram, James Harrington	<i>Sagamore, Mass.</i>	B Θ Π House
Bishop, Merrill	<i>New York, N. Y.</i>	A Δ Φ House
Boynton, Daniel Wilcox	<i>Detroit, Mich.</i>	X Φ House
Brown, Charles Hiram, Jr.	<i>Belmont, N. Y.</i>	Θ Δ X House
Brown, Thomas Clachar	<i>Fitchburg, Mass.</i>	Physical Laboratory
Burgess, John	<i>Newark, N. Y.</i>	5 School St.
Chase, Heman Baker	<i>Hyannis, Mass.</i>	Φ K Ψ House
Clarke, Daniel Benjamin	<i>East Granby, Conn.</i>	Φ K Ψ House
Clark, Vernon Seymour	<i>Binghamton, N. Y.</i>	Φ Δ Θ House
Collins, Louis Martin	<i>Homer, N. Y.</i>	12 S. Prospect St.
Conant, Harrison Josiah	<i>Worcester, Mass.</i>	8 Woodside Ave.
Cope, DeWitt Tilden	<i>Hamilton, Ohio</i>	19 Main St.
Crannell, Ralph Monroe	<i>Albany, N. Y.</i>	A Δ Φ House
Dodge, Arthur Farwell	<i>Beverly, Mass.</i>	Δ T House
Dow, Fayette Brown	<i>Rochester, N. Y.</i>	A Δ Φ House
Dow, Leland Brown	<i>Rochester, N. Y.</i>	A Δ Φ House
Dunleavy, John Francis	<i>Amherst, Mass.</i>	B Θ Π House
Eastman, Joseph Bartlett	<i>Pottsville, Pa.</i>	Ψ T House
Eaton, Edward Josiah	<i>Sidney, N. Y.</i>	2 S. Pleasant St.
Eveleth, Samuel Chester	<i>Marblehead, Mass.</i>	5 Parsons St.
Fitts, Charles Tabor	<i>Mansfield, Mass.</i>	Θ Δ X House
Fox, Warren Wyman	<i>Lowell, Mass.</i>	Φ Γ Δ House
Goold, Edgar Hunt	<i>Albany, N. Y.</i>	A Δ Φ House
Gray, Harry Graham	<i>Winchester, Mass.</i>	X Φ House



Hamilton, William Irving	<i>Elizabeth, N. J.</i>	X Φ House
Hartshorne, Isaac	<i>Methuen, Mass.</i>	X Ψ Lodge
Hawkins, Layton S.	<i>Cortland, N. Y.</i>	Δ T House
Howard, Henry Remington	<i>Rochester, N. Y.</i>	A Δ Φ House
Hoyt, George Horatio	<i>Homer, N. Y.</i>	Δ T House
Ide, Ernest Monroe	<i>Dudley, Mass.</i>	Φ K Ψ House
Johonnott, Walter Ware	<i>Burlington, Vt.</i>	31 South College
Jones, Sydney Franklyn	<i>Elizabeth, N. J.</i>	Δ K E House
Jones, Walter Elisha	<i>Massillon, Ohio</i>	B Θ II House
Joost, Sherman Brownell	<i>Brooklyn, N. Y.</i>	Δ K E House
Kane, John Francis	<i>Gardiner, Me.</i>	Θ Δ X House
Kershaw, Alfred Blanchard	<i>West Newton, Mass.</i>	Δ K E House
Lance, Harold Benjamin	<i>Wilkes-Barre, Pa.</i>	Φ Γ Δ House
Livingston, Albert Arthur	<i>Attleboro, Mass.</i>	Φ Γ Δ House
Lowe, Joseph Albert	<i>Fitchburg, Mass.</i>	Θ Δ X House
Lund, Harry Gardner	<i>Everett, Mass.</i>	Θ Δ X House
McCluney, James	<i>St. Louis, Mo.</i>	Ψ T House
McEvoy, Edward William	<i>North Brookfield, Mass.</i>	69 S. Pleasant St.
Marcy, Edwin Lowell	<i>Webster, Mass.</i>	Φ K Ψ House
Merchant, Ely Othman	<i>Boston, Mass.</i>	Physical Laboratory
Merrill, Stephen Griffin	<i>Albany, N. Y.</i>	X Ψ Lodge
Moore, Heath	<i>Brooklyn, N. Y.</i>	Φ K Ψ House
Morris, Frank Bowen	<i>Charleston, S. C.</i>	3 South College
Morse, William Northrop	<i>Amherst, Mass.</i>	Δ K E House
Newell, Gordon Gerald	<i>Amherst, Mass.</i>	33 Cottage St.
O'Donnell, James Herlihy	<i>Holyoke, Mass.</i>	Φ Δ Θ House
Otis, Kenneth Rouse	<i>Shelter Island Heights, N. Y.</i>	Ψ T House
Owens, Walter Scott	<i>West Winfield, N. Y.</i>	6 Lincoln Ave.
Packard, Harrison Lloyd	<i>Bridgewater, Mass.</i>	8 Woodside Ave.
Paine, John Colwell	<i>Chicago, Ill.</i>	B Θ II House
Palmer, Percival Bowditch, Jr.	<i>Chicago, Ill.</i>	Ψ T House
Perry, Charles Francis	<i>Brockport, N. Y.</i>	26 South College
Pond, George Kimball	<i>Greenfield, Mass.</i>	Φ K Ψ House
Porter, Chester Arnold	<i>Elizabeth, N. J.</i>	X Φ House
Pratt, Alvord	<i>Elmira, N. Y.</i>	A Δ Φ House
Quill, James John	<i>Holyoke, Mass.</i>	71 S. Pleasant St.
Raub, Joseph Martin, Jr.	<i>Brooklyn, N. Y.</i>	B Θ II House
Ray, Richard Johnson	<i>LaCrosse, Wis.</i>	5 Parsons St.
Richardson, Henry Stephen	<i>Amherst, Mass.</i>	3 College St.
Roberts, John Willard	<i>Hartford, Conn.</i>	Φ Δ Θ House

Roe, Alfred Isaac	<i>Brockton, Mass.</i>	B Θ II House
Rooney, Francis James	<i>Worcester, Mass.</i>	Δ T House
Salyer, Sandford Meddick	<i>Dunkirk, N. Y.</i>	5 South College
Sanders, Clayton Rowley	<i>South Cortland, N. Y.</i>	12 South College
Savage, Austin Anthony	<i>Lowell, Mass.</i>	6 Lincoln Ave.
Shay, John Burke	<i>Dalton, Mass.</i>	5 School St.
Smith, Gordon Cyril	<i>Webster, So. Dak.</i>	Θ Δ X House
Storke, Paul Davie	<i>Auburn, N. Y.</i>	Ψ T House
Stowell, Raymond Henry	<i>Amherst, Mass.</i>	193 S. Pleasant St.
Sturgis, Fred Eugene, Jr.	<i>Natick, Mass.</i>	Δ K E House
Taylor, Harry Edwin	<i>Elizabeth, N. J.</i>	31 South College
Thompson, Fred Loring	<i>West Newton, Mass.</i>	Θ Δ X House
Thompson, Karl Owen	<i>Springfield, Mass.</i>	Library
Turner, Paul Akers	<i>Portland, Me.</i>	Φ Δ Θ House
Vosburg, William Ledley	<i>Canajoharie, N. Y.</i>	12 South College
Wakefield, Ernest Timothy	<i>Reading, Mass.</i>	12 S. Prospect St.
Wheeler, Frank Edward	<i>Athol, Mass.</i>	6 Northampton Road
Whitcomb, Ernest Miller	<i>Worcester, Mass.</i>	9 Spring St.
Whitmore, Francis Epaphroditus	<i>Greene, N. Y.</i>	Δ T House

## Sophomore Class

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Adams, Henry, Jr.	<i>Springfield, Mass.</i>	B Θ Π House
Alpers, Ernest	<i>Westfield, N. J.</i>	11 North College
Anderson, John Garfield	<i>Wollaston, Mass.</i>	18 South College
Baily, Edward Ayres	<i>Brooklyn, N. Y.</i>	B Θ Π House
Baldwin, Fritz Walter, Jr.	<i>East Orange, N. J.</i>	A Δ Φ House
Benedict, William Raiguel	<i>South Natick, Mass.</i>	Δ T House
Bennett, Charles Ernest	<i>Ludlow, Mass.</i>	28 Amity St.
Bixby, Sidney Tuttle	<i>St. Louis, Mo.</i>	Ψ T House
Blyth, Charles Reginald	<i>Ashtabula, Ohio</i>	Ψ T House
Bond, Joseph Waldo	<i>Waltham, Mass.</i>	10 South College
Bostwick, Curtis James	<i>Owego, N. Y.</i>	Φ K Ψ House
Bottomly, Robert James	<i>Worcester, Mass.</i>	Φ Δ Θ House
Boynton, George Holmes	<i>Newton Centre, Mass.</i>	10 South College
Broder, Edward William	<i>Rockville, Conn.</i>	B Θ Π House
Brown, George Alfred	<i>New Salem, Mass.</i>	Gymnasium
Cartier, Prescott	<i>Ashfield, Mass.</i>	Gymnasium
Clark, John Maurice	<i>New York, N. Y.</i>	Δ K E House
Coggeshall, Harold Frederic	<i>Waterville, N. Y.</i>	A Δ Φ House
Crawford, William	<i>Holyoke, Mass.</i>	1 Woodside Ave.
Crossett, Edward Clark	<i>Davenport, Ia.</i>	Δ K E House
Crowell, Joseph Dexter	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Cruikshank, Dwight Phelps	<i>Montclair, N. J.</i>	Ψ T House
Daniels, Henry Elkins	<i>Chicago, Ill.</i>	Ψ T House
Daskam, Benjamin James	<i>Stamford, Conn.</i>	X Ψ Lodge
Derbyshire, Arthur James	<i>Lawrence, Mass.</i>	17 S. Prospect St.
Diehl, Leonard George	<i>Natick, Mass.</i>	1 South College
Dyer, Brainerd	<i>Portland, Me.</i>	12 North College
Eaton, William David	<i>Somerville, Mass.</i>	Δ T House
Edgecomb, Ralph Waldo Emerson	<i>Worcester, Mass.</i>	17 S. Prospect St.
Edmunds, Louis Lake	<i>Fredonia, N. Y.</i>	10 North College
Ellis, George William	<i>Monson, Mass.</i>	A Δ Φ House
Fort, Leslie Runyon †	<i>East Orange, N. J.</i>	X Ψ Lodge
Foster, Alfred Leonard	<i>LaCrosse, Wis.</i>	X Ψ Lodge

Freeman, Ralph	<i>Cortland, N. Y.</i>	8 Woodside Ave.
French, Lawrence Elwell	<i>Amherst, Mass.</i>	25 Woodside Ave.
Fuess, Claude Moore	<i>Waterville, N. Y.</i>	A Δ Φ House
Gardner, Edward Hall	<i>Chatham, N. J.</i>	Δ T House
Gaylord, Emerson George	<i>Chicopee, Mass.</i>	B Θ II House
Gilbert, James LeRoy	<i>Brookfield, Mass.</i>	Φ K Ψ House
Green, George Henry Bartlett, Jr.	<i>Belchertown, Mass.</i>	8 Woodside Ave.
Greenaway, David Emerson	<i>Indian Orchard, Mass.</i>	1 Woodside Ave.
Grover, Harry Greenwood	<i>Halifax, Mass.</i>	44 Pleasant St.
Hale, Fraray, Jr.	<i>Wallingford, Conn.</i>	Θ Δ X House
Hartgrove, Robert Sinclair	<i>Washington, D. C.</i>	C North College
Hayden, Frank Strong	<i>Wyoming, N. Y.</i>	21 Woodside Ave.
Hayes, George	<i>St. Louis, Mo.</i>	Δ K E House
Hays, Leland	<i>Albany, N. Y.</i>	4 North College
Hewitt, Ralph Halladay	<i>New London, Conn.</i>	Φ K Ψ House
Hilliard, John Samuel	<i>Dunkirk, N. Y.</i>	Φ Γ Δ House
Holmes, Vancleve W.	<i>Lima, O.</i>	Φ Δ Θ House
Hopkins, Charles Thomas	<i>Brooklyn, N. Y.</i>	Φ K Ψ House
Hutchings, William Thomas	<i>West Danby, N. Y.</i>	Φ K Ψ House
Judge, Francis Henry	<i>Worcester, Mass.</i>	28 South College
Keep, Clifford Holcombe	<i>Brooklyn, N. Y.</i>	D North College
Kelley, James Matthew	<i>Nashua, N. H.</i>	Φ Γ Δ House
Kelliher, Jeremiah Henry	<i>North Brookfield, Mass.</i>	69 Pleasant St.
Kennedy, Ralph Anderson	<i>Providence, R. I.</i>	Φ Δ Θ House
Knapp, Walter Chandler	<i>Canandaigua, N. Y.</i>	10 South College
Kneeland, Robert Shepherd	<i>Northampton, Mass.</i>	B Θ II House
Knight, Octavius, Jr.	<i>Fairwood, N. J.</i>	10 North College
Leach, Alfred Buckingham	<i>Saxton's River, Vt.</i>	37 Amity St.
Lewis, Clifford Benson	<i>West Somerville, Mass.</i>	Δ T House
Lynch, Maurice Alphonse	<i>South Hadley Falls, Mass.</i>	71 S. Pleasant St.
McIntosh, Kenneth Chafee	<i>Valparaiso, Chili, S. A.</i>	Δ K E House
McMillan, Roy Alexander	<i>Rockport, Mass.</i>	B Θ II House
McPhee, James, Jr.	<i>Newton, Mass.</i>	71 S. Pleasant St.
McTernan, Charles Clair	<i>Foxboro, Mass.</i>	5 School St.
Marsh, Stephen Victor	<i>Corning, N. Y.</i>	31 Pleasant St.
Meriwether, Robert Henry	<i>Washington, D. C.</i>	Dana St.
Moon, Ward Clinton	<i>Gravesville, N. Y.</i>	19 Main St.
Nash, Alexander Symonds	<i>Chicopee, Mass.</i>	18 Northampton Road
Neill, Mather Humphrey	<i>Amherst, Mass.</i>	18 Northampton Road
Nickerson, Francis Chester	<i>Upper Troy, N. Y.</i>	4 South College

Noble, Albert Frank	<i>Somerville, Mass.</i>	Δ T House
Norton, Paul Willard	<i>Woburn, Mass.</i>	B North College
O'Brien, John Bayley	<i>Brooklyn, N. Y.</i>	14 North College
Odell, Henry Lefavour	<i>Beverly, Mass.</i>	12 North College
Orrell, Ephraim English, Jr.	<i>Ware, Mass.</i>	Θ Δ X House
Ottley, William Vrooman	<i>Geneva, N. Y.</i>	X Ψ Lodge
Palmer, Walter Walker	<i>Southfield, Mass.</i>	Θ Δ X House
Parsons, Chauncey Lyman	<i>Northampton, Mass.</i>	2 Tyler Place
Patch, Ralph Shattuck	<i>Brattleboro, Vt.</i>	Φ K Ψ House
Peabody, Charles Irving	<i>Danvers Centre, Mass.</i>	Φ Δ Θ House
Pease, Robert Webster	<i>Conway, Mass.</i>	27 N. Prospect St.
Pierce, Franklin Edwin	<i>De Ruyter, N. Y.</i>	19 Main St.
Raftery, John Joseph	<i>Worcester, Mass.</i>	Δ T House
Rathbun, William Tompkins	<i>Elmira, N. Y.</i>	A Δ Φ House
Richardson, George Warren	<i>Boulder, Colo.</i>	A Δ Φ House
Richardson, Royal Paul	<i>Alstead, N. H.</i>	Δ T House
Roberts, Alfred Edward	<i>Greene, N. Y.</i>	Δ T House
Rollins, Ralph Eugene †	<i>Des Moines, Ia.</i>	X Ψ Lodge
Rounseville, Wilfred Ellsworth	<i>Attleboro, Mass.</i>	Φ Δ Θ House
Ryan, Elmer Ellsworth	<i>Apalachin, N. Y.</i>	Φ K Ψ House
Schwab, George	<i>Clinton, Mass.</i>	5 School St.
Simms, Nelson Cornelius	<i>Herkimer, N. Y.</i>	Δ T House
Smith, Philip Alden	<i>Duluth, Minn.</i>	Δ K E House
Smith, Philip Mack	<i>Amherst, Mass.</i>	25 College St.
Smith, Verne Waldo	<i>Amsterdam, N. Y.</i>	Φ Δ Θ House
Spaulding, Walter Virgil	<i>Worcester, Mass.</i>	17 S. Prospect St.
Squire, Roger Nelson	<i>New York, N. Y.</i>	Θ Δ X House
Stone, Clarence Nelson	<i>Fryeburg, Me.</i>	Θ Δ X House
Sturgis, Ashley Barnes	<i>Natick, Mass.</i>	2 Tyler Place
Taylor, John Adams	<i>Westford, Mass.</i>	Φ K Ψ House
Thomas, Charles Frank	<i>Union City, Pa.</i>	2 S. Pleasant St.
Utter, George Benjamin	<i>Westerly, R. I.</i>	Δ K E House
van Etten, Edwin Hill	<i>Rhinebeck, N. Y.</i>	A Δ Φ House
Wales, William Wallace	<i>Newton Centre, Mass.</i>	B Θ II House
Warren, Henry Edward	<i>Newton Highlands, Mass.</i>	Θ Δ X House
Weed, Hugh Hourston Craigie	<i>Stamford, Conn.</i>	Ψ T House
Westphal, Alfred Frederick	<i>Michigan City, Ind.</i>	College Library
Wing, Richard Deland	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Woods, Josiah Bridges	<i>Hatfield, Mass.</i>	Ψ T House

# Freshman Class

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Alden, Lester Fayette	<i>Amherst, Mass.</i>	23 Belchertown Road
Atwood, Roy Lees	<i>Newton Highlands, Mass.</i>	29 North College
Bailey, George William	<i>Springfield, Mass.</i>	8 North College
Bale, Frederick Sewall	<i>Asbury Park, N. J.</i>	5 North College
Behrends, Frederick Rouse	<i>Northampton, Mass.</i>	6 North College
Bishop, Clifford Monroe	<i>Brooklyn, N. Y.</i>	14 South College
Blatchford, Nathaniel Hopkins, Jr.	<i>Chicago, Ill.</i>	21 South College
Boyden, Ralph Howard	<i>Foxboro, Mass.</i>	30 North College
Brewster, Kingman	<i>Worthington, Mass.</i>	13 North College
Bridgman, Philip Arthur	<i>Belchertown, Mass.</i>	Prospect House
Brooks, Eugene Franklin	<i>Elizabeth, N. J.</i>	12 Spring St.
Browne, Edward Kendall	<i>Auburndale, Mass.</i>	28 North College
Bulson, Glenn Allen	<i>Jackson, Mich.</i>	26 South College
Burrill, Edgar White	<i>North Brookfield, Mass.</i>	6 Lincoln Ave.
Butler, Norman Franklyn	<i>Lenox, Mass.</i>	C South College
Clough, Harvey Burnett	<i>Tolland, Conn.</i>	14 Maple Ave.
Cook, Philip Remington	<i>North Attleboro, Mass.</i>	19 North College
Crawford, Harry Colvin	<i>Worcester, Mass.</i>	6 Lincoln Ave.
Crook, Fred Howell	<i>Sauquoit, N. Y.</i>	31 Amity St.
Cross, James Bailey	<i>Fultonville, N. Y.</i>	14 Maple Ave.
Curran, John Joseph	<i>Holyoke, Mass.</i>	3 North College
Davenport, William Rufus	<i>Taunton, Mass.</i>	A Δ Φ House
Delabarre, Everett Merrill	<i>Conway, Mass.</i>	9 College St.
Denio, Fayette Winchester	<i>Springfield, Mass.</i>	8 North College
Dewar, John Innes	<i>Chicago, Ill.</i>	21 South College
Dillon, Augustus Ignatius	<i>Cortland, N. Y.</i>	2 South College
Dodge, Everett Francis	<i>Beverly, Mass.</i>	25 North College
Downey, Walter Francis	<i>North Brookfield, Mass.</i>	2 South College
Downing, George Bradley	<i>Holyoke, Mass.</i>	3 North College
Draper, Ernest Gallaudet	<i>Washington, D. C.</i>	19 Main St.
Draper, Warren Fales	<i>Newton Highlands, Mass.</i>	29 North College
Durban, Edward Mayburry	<i>Philadelphia, Pa.</i>	23 South College
Ely, Richard Grenville	<i>Frederick City, Md.</i>	1 College Ave.



Ely, William Ezra	<i>Washington, D. C.</i>	7 Parsons St.
Field, Leonard Dudley	<i>Binghamton, N. Y.</i>	31 Amity St.
Forbes, William Trowbridge	<i>Merrifield Worcester, Mass.</i>	28 South College
Fox, George Henry	<i>Detroit, Mich.</i>	21 North College
Gantz, George C., Jr.	<i>Baltimore, Md.</i>	14 Maple Ave.
Gaunt, Ernest Henry	<i>Methuen, Mass.</i>	32 South College
Gilmore, Arthur Harold	<i>Attleboro, Mass.</i>	19 North College
Glasgow, Edgar Wilson	<i>Jackson, Mich.</i>	26 South College
Hale, William, Jr.	<i>Gananoque, Can.</i>	9 North College
Hall, Clifton Rumery	<i>Danvers, Mass.</i>	27 South College
Hamilton, James Shelley	<i>Millers Falls, Mass.</i>	27 South College
Harris, George, Jr.	<i>Amherst, Mass.</i>	21 North College
Hildreth, Ellison Story	<i>Holyoke, Mass.</i>	3 Northampton Road
Hilts, Arthur Kinne	<i>Oneida, N. Y.</i>	2 Tyler Place
Hitt, Rollin West	<i>Mittineague, Mass.</i>	17 Pleasant St.
Hollender, Carl Edwin	<i>Brattleboro, Vt.</i>	5 Parsons St.
Holt, Frank Everett	<i>Temple, N. H.</i>	1 College Ave.
Hooker, Charles Worcester	<i>Amherst, Mass.</i>	5 North East St.
Howe, Gordon Milne	<i>Brooklyn, N. Y.</i>	15 North College
Howes, Howard Willcutt	<i>Swift River, Mass.</i>	71 S. Pleasant St.
Hubbard, Walter Palmer	<i>Concord, Mass.</i>	2 Tyler Place
Kane, Maurice Joseph	<i>Gardiner, Me.</i>	22 North College
Knapp, Robert Cole	<i>Canandaigua, N. Y.</i>	5 North College
Krom, George Sharpe	<i>High Falls, N. Y.</i>	14 Maple Ave.
Lattimer, Gardner	<i>Columbus, O.</i>	55 S. Pleasant St.
Lidell, Burton William	<i>Oneonta, N. Y.</i>	1 College Ave.
Lockhart, George Coors	<i>Colorado Springs, Colo.</i>	30 South College
Lowe, Guy Russell	<i>Fitchburg, Mass.</i>	27 North College
McKee, Ashby Robertson	<i>Harrodsburg, Ky.</i>	19 Main St.
McRae, Edson Alexander	<i>Mansfield, Mass.</i>	22 North College
Matteson, Benjamin Howard	<i>Oneonta, N. Y.</i>	1 College Ave.
Mattingly, Robert Nicholas	<i>Washington, D. C.</i>	7 South College
Mellen, Albert Henry	<i>Newton Highlands, Mass.</i>	29 North College
More, Enoch Anson	<i>St. Louis, Mo.</i>	13 South College
Newton, Howard Augustine	<i>Winchester, Mass.</i>	3 Northampton Road
Norris, Walter John	<i>Southampton, Mass.</i>	2 S. Pleasant St.
Norton, George Edward	<i>Hallowell, Me.</i>	13 North College
Patterson, Shirley Gale	<i>Hartford, Conn.</i>	Φ Γ Δ House
Peacock, Reuben Jeffery	<i>Brooklyn, N. Y.</i>	26 North College
Pethybridge, Charles Edward	<i>Fitchburg, Mass.</i>	27 North College



Porter, George William	<i>Agawam, Mass.</i>	17 Pleasant St.
Powell, Robert Carlisle	<i>Poughkeepsie, N. Y.</i>	Φ Δ Θ House
Priddy, Vern	<i>Findlay, O.</i>	X Φ House
Pugsley, Reginald Martin	<i>Gowanda, N. Y.</i>	16 Amity St.
Rand, Sumner Goldthwaite	<i>Providence, R. I.</i>	3 Northampton Road
Remington, Harold	<i>Watertown, N. Y.</i>	17 North College
Richenaker, George Henry	<i>Brockport, N. Y.</i>	13 Spring St.
Roberts, James Walker	<i>Hartford, Conn.</i>	7 Parsons St.
Ross, Douglas M'Allister	<i>Syracuse, N. Y.</i>	8 Lessey St.
Scott, Arthur Wayne	<i>Brattleboro, Vt.</i>	30 North College
Scudder, Elisha Gage, Jr.	<i>St. Louis, Mo.</i>	16 South College
Semple, Gilbert Eliot	<i>St. Louis, Mo.</i>	16 South College
Simonson, Devore Nevius	<i>Port Byron, Ill.</i>	12 Spring St.
Snyder, Morton Ives	<i>Cortland, N. Y.</i>	31 Amity St.
Sparrow, Carl Atsatt	<i>New Bedford, Mass.</i>	11 South College
Spear, Clarence Adams	<i>Brooklyn, N. Y.</i>	3 Northampton Road
Stebbins, Howard Leslie	<i>Springfield, Mass.</i>	12 Lessey St.
Storke, Alan Marshall	<i>Auburn, N. Y.</i>	6 North College
Thayer, Frederick Gilles	<i>Wollaston, Mass.</i>	18 South College
Twitchell, Edmund Warner	<i>Lockport, N. Y.</i>	32 South College
Tyler, Mason Whiting	<i>Amherst, Mass.</i>	8 Tyler Place
Utter, Henry Edwin	<i>Westerly, R. I.</i>	69 S. Pleasant St.
van Etten, Royal Cornelius	<i>Rhinebeck, N. Y.</i>	69 S. Pleasant St.
Vinal, Charles Albert	<i>Newton Centre, Mass.</i>	23 South College
Ward, Mark Hopkins	<i>Amherst, Mass.</i>	33 Northampton Road
Ward, William Earl Dodge	<i>Amherst, Mass.</i>	33 Northampton Road
Webster, William Harvey	<i>Truxton, N. Y.</i>	71 S. Pleasant St.
Wheeler, Ralph Waldo	<i>Cortland, N. Y.</i>	2 South College
Williams, Elijah Roberts	<i>Geneva, N. Y.</i>	9 North College
Williams, John Herbert Anwyl	<i>New York, N. Y.</i>	28 North College
Wing, Newton Cordis	<i>Palmer, Mass.</i>	26 North College
Wood, George Arthur	<i>Southampton, Mass.</i>	2 S. Pleasant St.
Wood, George Ernest	<i>Ellington, Conn.</i>	14 Maple Ave.
Worcester, James Newbegin	<i>Bloomfield, N. J.</i>	15 North College
Wright, Edwin Arthur †	<i>Somerville, Mass.</i>	Δ Ψ House
Wright, William Warren, Jr.	<i>Preble, N. Y.</i>	8 Woodside Ave.

† Special.

*Summary*

FELLOWS AND RESIDENT GRADUATES . . . . .	5
SENIORS . . . . .	72
JUNIORS . . . . .	92
SOPHOMORES . . . . .	112
FRESHMEN . . . . .	109
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TOTAL . . . . .	390

## CLASSIFICATION BY RESIDENCE

THE UNITED STATES			
Massachusetts . . . . .	171	Wisconsin . . . . .	2
New York . . . . .	101	California . . . . .	1
New Jersey . . . . .	16	Indiana . . . . .	1
Connecticut . . . . .	15	Kentucky . . . . .	1
Illinois . . . . .	9	Nebraska . . . . .	1
Ohio . . . . .	9	Minnesota . . . . .	1
Maine . . . . .	8	Oregon . . . . .	1
Missouri . . . . .	7	South Carolina . . . . .	1
Michigan . . . . .	6	South Dakota . . . . .	1
Pennsylvania . . . . .	6	<hr/>	
Vermont . . . . .	6	386	
District of Columbia . . . . .	5	OTHER COUNTRIES	
Rhode Island . . . . .	5	Canada . . . . .	1
Iowa . . . . .	4	Chili . . . . .	1
New Hampshire . . . . .	4	Scotland . . . . .	1
Colorado . . . . .	2	Spain . . . . .	1
Maryland . . . . .	2	<hr/>	
		390	

# Award of Fellowships

1901-1902

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ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Leonard Wainwright Pope, B.A. (1902)

RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

Frank Otis Reed, B.A. (1899)

SOUTH END HOUSE FELLOWSHIP

Harry Blake Taplin, B.A. (1902)

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# Award of Honors

1901-1902

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COMMENCEMENT SPEAKERS

Clinton Henry Collester  
Henry William Giese  
Robert Washburn Maynard  
Leonard Wainwright Pope  
Matthew van Sicken  
Wilmot Vivian Trevoy

PHI BETA KAPPA

FIRST DRAWING (SENIORS)

Henry William Giese  
Robert Washburn Maynard  
Matthew van Sicken  
Wilmot Vivian Trevoy

## SECOND DRAWING (SENIORS)

Clinton Henry Collester  
Grant Ford  
Isaac Hampshur Jones  
Eldon Bradford Keith  
Samuel Bowles King  
John Nash Ott  
Leonard Wainwright Pope  
Harry Blake Taplin

## FIRST DRAWING (JUNIORS)

Roland Shaw Haradon  
Clifford Parker Warren

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Award of Prizes1901-1902

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## HUTCHINS GREEK PRIZE—JUNIOR

Draper Cooke Bartlett

## BERTRAM LATIN PRIZES—SENIOR

*First Prize*: Wilmot Vivian Trevoy

*Second Prize*: Harry Blake Taplin

*Third Prize*: Henry William Giese

## BILLINGS LATIN PRIZES—SENIOR

*First Prize*: Matthew van Sichen

*Second Prize*: Wilmot Vivian Trevoy

## LAW LATIN PRIZE — SENIOR

Henry William Giese

## THOMPSON LATIN PRIZES — JUNIOR

*First Prize* : James Williams Park*Second Prize* : David Harry Lake*Third Prize* : Charles Blanchard Thompson

## FOR EXCELLENCE IN VERSE-TRANSLATION OF CERTAIN ELEGIES

James Williams Park

## SOPHOMORE LATIN PRIZES

*First Prize* : Sandford Meddick Salyer*Second Prize* : Vernon Seymour Clark

## FRESHMAN LATIN PRIZES

Charles Ernest Bennett

Robert James Bottomly

Robert Shepherd Kneeland

## BOYNTON BIBLICAL LITERATURE PRIZES

*First Term* : Jörgen Conrad Petersen*Second Term* : Jörgen Conrad Petersen*Third Term* : Jörgen Conrad Petersen

## KELLOGG PRIZES

*Sophomore* : Fayette Brown Dow*Freshman* : William Crawford

## HARDY PRIZES — SENIOR

*First Prize* : David Homer Keedy*Second Prize* : Robert Smiley McClelland

## HYDE PRIZE — SENIOR

Horace Flavel Holton

BOND PRIZE — SENIOR

Wilmot Vivian Trevoy

KENT PRIZE — SENIOR

Fred Harold Allen

WALKER MATHEMATICAL PRIZE — SOPHOMORE

Vernon Seymour Clark

PORTER PRIZE — SENIOR

Harry Clark Barber

SAWYER MEDAL — SOPHOMORE

*Gold Medal:* Edwin Lowell Marcy

*Honorable Mention:* { George Alfred Brown  
                                  { Charles Frank Thomas

A. LYMAN WILLISTON PRIZE — SOPHOMORE

John Adams Taylor

PORTER ADMISSION PRIZE — FRESHMAN

Edgar White Burrill

*(prepared at the Worcester (Mass.) Classical High School)*

*Honorable Mention:* Sumner Goldthwaite Rand

*(prepared at the Providence (R. I.) Classical High School)*

LELAND PRIZE

The Junior Class (Class of 1903)

WOODS PRIZE — SENIOR

Wilber Ambrose Anderson

## LADD ORATION PRIZES — JUNIOR

Clyde Tyler Griswold  
John Mustapha Hinds  
Stanley King  
David Harry Lake  
James Williams Park  
Stanley Hovey Tead  
Charles Blanchard Thompson  
Clifford Parker Warren  
James Cathcart Young

## ARMSTRONG PRIZES — FRESHMEN

<i>First Prizes :</i>	{ Edward Hall Gardner
	{ Charles Frank Thomas
<i>Second Prizes :</i>	{ Robert James Bottomly
	{ Clifford Holcombe Keep
<i>Third Prizes :</i>	{ George Holmes Boynton
	{ Ralph Anderson Kennedy

## THE A. C. JAMES NAVIGATION PRIZE — SENIOR

Leonard Wainwright Pope

# Degrees Conferred in 1902

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## *Degrees in Course*

### Bachelors of Arts

#### *Magna cum laude*

Clinton Henry Colleston	Harry Blake Taplin
Henry William Giese	Wilmot Vivian Trevoay
Leonard Wainwright Pope	Matthew van Siclen

#### *Cum laude*

Fred Harold Allen	Howard Brown Gibbs
Wilber Ambrose Anderson	Horace Flavel Holton
Frederick William Baeslack	Perley Charles Hyde
Raymond Ballantine	Isaac Hampshur Jones
Gordon Berry	Elmer Schofield Keay
Frank Learoyd Boyden	David Homer Keedy
Lewis Gillingham Brearley	Eldon Bradford Keith
Harold Sidney Brewster	Samuel Bowles King
Frank Lewis Briggs	Robert Smiley McClelland
Prentiss Carnell	Robert Spencer Moore
George Carpenter Clancy	John Nash Ott
Almond Lucian Clark	Franklin Barber Pease
William Dexter Clarke	Henry Denison Randall
Frederick Bowen Cross	William Reid
Charles Henry Dayton	Manton Russell Sedgwick
Edwin Fayette Field	Eugene Smith Wilson
John Henry Frizzell	

#### *Rite*

Charles William Anderson, Jr.	Standish Chard
James Daniel Beard	Ellery Carroll Clapp
Russell Christopher Brown	Elmer Thomas Connell
Walter Thornton Bryant	Frank Adelbert Cook
Theodore Ellsworth Burnett	Philip Russell Cook



James Dugan  
 John Eastman  
 Thomas Bernard Gilpin  
 Solyman Gregory Hamlin  
 Paul Wellington Kimball  
 Walter Cogswell King  
 Clarence Arthur Lincoln  
 Ernest Culver Lum  
 Andrew Magill  
 Anson Ely Morse  
 Nathan Carleton Phillips  
 Jason Noble Pierce

William Sanford Piper  
 David Nelson Skillings, Jr.  
 James Whittemore Smith  
 Harold Parker Stevens  
 Meredith Newcomb Stiles  
 William Henry Swift, Jr.  
 Godfrey Van Duzer Titsworth  
 John Mason Wells  
 Dwight Larcom Woodberry  
 Charles Alexander Woodward  
 James Cathcart Young  
 John Hichnor Young

### Bachelors of Science

#### *Magna cum laude*

Robert Washburn Maynard

#### *Cum laude*

Harry Clark Barber  
 Harold Hill Blossom  
 Arthur Fairbanks Ells  
 Grant Ford  
 James Levin Ford, Jr.  
 Louis Rowell Herrick

Samuel Walter Hoyt  
 Robert Stanley Phillips  
 Sylvan Myron Stocking  
 John Francis White  
 Richard Solomon Williams

#### *Rite*

Silas Dewey Barber  
 Kellogg Birdseye  
 Percy Wilson Blanchard  
 Frank Howell Bulley  
 Warren Judson Burke  
 Robert James Cleeland

Arthur Wilson Dennen  
 Carlton Prescott Fairbanks  
 Harry Richmond Leonard  
 James Augustus Nelson  
 Theodore Barnet Plimpton  
 Ralph Thomas Whitelaw

### Masters of Arts

Alfred Eaton Ives, B.A. (1868)  
 John Howard Hobbs, B.A. (1882)  
 Francis Leseure Palmer, B.A. (1885)  
 Clarence Hayward White, B.A. (1886)  
 Robert Clark, B.A. (1892)  
 Alfred Ernest Stearns, B.A. (1894)

George DeWitt Moulson B.A. (1896)  
Alexander Hamilton Backus, B.A. (1897)  
Frank Rudolph Silver, B.A. (1897)  
Chester Merton Bliss, B.A. (1898)  
Herman Henry Wright, B.S. (1898)  
Raymond Smith Dugan, B.A. (1899)  
Chester Metcalf Grover, B.A. (1899)  
William Harding King, Jr. B.S. (1899)  
Harry Brooks Marsh, B.S. (1899)  
Rufus Edward Miles, B.A. (1899)  
Roswell Foulk Phelps, B.S. (1899)

*Honorary Degrees***Masters of Arts**

D. WILLIS JAMES .

WILLIAM CLYDE FITCH

**Doctors of Divinity**

Rev. HOWARD SWEETSER BLISS

Rev. LUCIUS ROOT EASTMAN, M.A.

Rev. HENRY MATHER TYLER, M.A.

**Doctors of Letters**

JOSEPH HENRY SAWYER, M.A.

BENJAMIN ELI SMITH, M.A.

**Doctors of Laws**

JOHN MASON CLARKE, M.A., PH.D.

WILLIAM RUTHERFORD MEAD

President HENRY HOPKINS, D.D.

# Admission

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ALL candidates for admission to College must present satisfactory testimonials of good moral character.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies which lead to the several courses.

## REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

### GROUP 1

Latin I, II  
Greek I, II  
Mathematics I  
English  
History I

### GROUP 2

{ Latin I, II and Greek I  
or  
{ Greek I, II and Latin I  
Mathematics I  
English  
History I

In addition, there shall be one subject from the following list: —

French I  
 German I  
 History II  
 Physics  
 Chemistry  
 Mathematics II

GROUP 3

{ Latin I, II  
   or  
 { Greek I, II  
 Mathematics I  
 English  
 History I

In addition there shall be, from the following list, three subjects, one of which shall be a modern language and one an advanced subject.

*Elementary*

French I  
 German I  
 History II  
 Physics  
 Chemistry

*Advanced*

French II  
 German II  
 Mathematics II

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

REQUIREMENTS FOR BACHELOR OF SCIENCE COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satis-

factory qualifications in the following subjects according to the specifications given under each subject.

- (1) { English  
History I  
History II  
Elementary mathematics
- (2) { Chemistry or  
Physics
- (3) Two of the following optionals :—  
French I  
German I  
Latin

(a) A candidate may present either minimum or maximum Latin.

*Minimum requirement* (not to be followed by the study of Latin in college): Cæsar's *Gallic War*, books I–IV; Cicero, three orations, or Vergil's *Æneid*, books I and II. *Maximum requirement*: Elementary and advanced Latin, as specified for the B.A. course.

(b) A candidate who presents maximum Latin may select the remaining requirements from the lists given on pages 36, 37.

(c) Any student who presents maximum Latin at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for one college year.

(d) After 1903 every candidate must present Latin I, or Latin I, II, and French I, or German I. If Latin II is not presented, two points shall be made from the following lists:—(French I, German I, French II, German II, Chemistry, Physics), 2 points each; (Solid Geometry, Trigonometry and Logarithms, Advanced Algebra, Anatomy, Physiography), 1 point each.

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

#### REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present :—

- |     |   |   |     |   |                         |
|-----|---|---|-----|---|-------------------------|
| (1) | { | English<br>History I<br>History II<br>Mathematics I | (2) | { | Chemistry or<br>Physics |
|-----|---|---|-----|---|-------------------------|

- (3) One elementary and one advanced subject from the following lists : —

*Elementary*

French

German

*Advanced*

French

German

Mathematics

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

## LATIN

### I. ELEMENTARY LATIN

The examinations will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through three school years. In preparation for the elementary examinations, the candidate should read and review at least Cæsar's *Gallic War*, books I–IV, or an equivalent; Cicero's *Orations against Catiline* and *for Archias*; or Vergil's *Æneid*, books I–VI; and should gain ability to read easy Latin at sight. The examinations will include : —

(a) Translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms of the language.

(b) A thorough examination on Cicero's *Orations against Catiline*, II, III, IV, or Vergil's *Æneid*, books I and II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

### II. ADVANCED LATIN

The examinations will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through four school years. In preparation for the advanced examinations, the candidate should read and review at least Cæsar's

*Gallic War*, books I–IV, or an equivalent; Cicero's *Orations against Catiline* and *for Archias*; Vergil's *Æneid*, books I–VI; and have adequate training in reading both Latin prose and poetry in the original, in translating Latin at sight, and in Latin prose composition. The examinations will include:—

(a) The translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms, and on prosody.

(b) A thorough examination on Cicero's *Orations against Catiline*, II, III and IV, and Vergil's *Æneid*, books I and II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

(c) The translation into Latin prose of a passage of connected English narrative, based on some portion of the Latin prose works usually read in preparation for college, and limited to the subject-matter of those works.

## GREEK

### I. ELEMENTARY GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least two school years. In preparation for the elementary examination, the candidate should read three books of Xenophon's *Anabasis* or an equivalent, and be carefully drilled in the principles of syntax and inflections of Attic prose. The two parts of this examination must be taken together.

(a) Translation into Greek of simple English sentences illustrating the principles of syntax and inflections.

(b) A thorough examination on the first two books of Xenophon's *Anabasis*.

### II. ADVANCED GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least three school years. In preparation for the advanced examination, the candidate should read four books of Xenophon's *Anabasis*, and three books of Homer's *Iliad*; and should be trained to render into Greek passages of English narrative involving



all ordinary constructions. The three parts of this examination must be taken together.

(a) Translation into Greek of a passage of connected English narrative based on the second book of Xenophon's *Anabasis*.

(b) A thorough examination on the first book of Homer's *Iliad*.

(c) Translation at sight of Attic prose and of Homer, with questions on the forms, constructions, and idioms of the passages.

## MATHEMATICS

### I. ELEMENTARY MATHEMATICS

(a) Algebra through quadratic equations.

(b) Plane geometry, including problems in mensuration, and original propositions.

The requirement in algebra includes the following subjects: factors, common divisors and multiples, fractions, ratios and proportions; negative quantities and the interpretation of negative results; theory of exponents; radicals and equations involving radicals; the elementary theory of imaginaries; the progressions; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities, and of problems leading to such equations.

The requirement in geometry embraces the following topics: the general properties of plane rectilinear figures; proportion; incommensurable magnitudes and limits; the circle and the measure of angles; similar polygons; areas; regular polygons and the measure of the circle; problems in construction.

In each subject great importance is attached to accuracy and readiness, and to neatness in the arrangement of written work.

### II. ADVANCED MATHEMATICS

(a) Algebra, including choice, chance, theory of limits, the binomial theorem, logarithms, series, determinants, and the theory of equations. Hall and Knight's *Algebra for Colleges and Schools*.

(b) Solid and spherical geometry. Wells's *Essentials*.

(c) Plane trigonometry. Wentworth.

## ENGLISH

Two sets of books are prescribed for preparation in English, one for reading, the other for more careful study. No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, idiom, or division into paragraphs. The examination will consist of two parts:—

(1) *Reading and Practice*.—The candidate will be required to present evidence of a general knowledge of the subject-matter of the books assigned, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books set for this part of the examination will be:—

1903, 1904, and 1905.—Shakespeare's *The Merchant of Venice* and *Julius Cæsar*; *The Sir Roger de Coverley Papers* in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

1906.—Shakespeare's *Macbeth* and *The Merchant of Venice*; *The Sir Roger de Coverley Papers* in *The Spectator*; Irving's *Life of Goldsmith*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe* and *The Lady of the Lake*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Lowell's *The Vision of Sir Launfal*; George Elliot's *Silas Marner*.

(2) *Study and Practice*.—This part of the examination pre-supposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness

and accuracy. The books set for this part of the examination will be:—

\* 1903, 1904, and 1905. — Shakespeare's *Macbeth*; Milton's *L'Allegro, Il Penseroso, Comus*, and *Lycidas*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

### FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America.

#### I. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

\* For 1906. — *Julius Caesar* instead of *Macbeth*, and Macaulay's *Life of Johnson* instead of his *Essay on Addison*.

Suitable texts for the second year are: About's *Le roi des montagnes*, Bruno's *Le tour de la France*, Daudet's easier short tales, De la Bédollière's *La Mère Michel et son chat*, Erckmann-Chatrian's stories, Foa's *Contes biographiques* and *Le petit Robinson de Paris*, Foncin's *Le pays de France*, Labiche and Martin's *La poudre aux yeux* and *Le voyage de M. Perrichon*, Legouvé and Labiche's *La cigale chez les fourmis*, Malot's *Sans famille*, Mairêt's *La tâche du petit Pierre*, Méri-mée's *Colomba*, extracts from Michelet, Sarcey's *Le siège de Paris*, Verne's stories.

## II. ADVANCED FRENCH

This should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau's *Le Gendre de M. Poirier*; Béranger's poems; Corneille's *Le Cid* and *Horace*; Coppée's poems; Daudet's *La Belle-Nivernaise*; La Brète's *Mon Oncle et mon curé*; Madame de Sévigné's letters; Hugo's *Hernani* and *La chute*; Labiche's plays; Loti's *Pêcheur d'Islande*; Mignet's historical writings; Molière's *L'avare* and *Le bourgeois gentilhomme*; Racine's *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau's *Mademoiselle de la Seiglière*; Scribe's plays; Thierry's *Récits des temps mérovingiens*; Thiers's *L'expédition de Bonaparte en Égypte*; Vigny's *La canne de jonc*; Voltaire's historical writings.

## GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

### I. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill upon pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of

everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs, also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the end of enabling the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen's *Märchen* and *Bilderbuch ohne Bilder*; Arnold's *Fritz auf Ferien*; Baumbach's *Die Nonna* and *Der Schwiegersohn*; Gerstäcker's *Germelshausen*; Heyse's *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern's *Höher als die Kirche*; Jensen's *Die braune Erica*; Leander's *Träumereien* and *Kleine Geschichten*; Seidel's *Märchen*; Stökl's *Unter dem Christbaum*; Storm's *Immensee* and *Geschichten aus der Tonne*; Zschokke's *Der zerbrochene Krug*.

The best shorter plays available are: Benedix's *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz's *Er ist nicht eifersüchtig*; Wichert's *An der Majorsecke*; Wilhelmi's *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen's *Märchen*, or *Bilderbuch*, or Leander's *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die*

*Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

## II. ADVANCED GERMAN

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise upon word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach's *Die Freiherren von Gemperlein*; Freytag's *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*, for example *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué's *Undine*; Gerstäcker's *Irrfahrten*; Goethe's *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffmann's *Historische Erzählungen*; Lessing's *Minna von Barnhelm*; Meyer's *Gustav Adolfs Page*; Moser's *Der Bibliothekar*; Riehl's *Novellen*, for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger's *Waldheimat*; Schiller's *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel's *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch's *Das edle Blut*. A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

## ANCIENT HISTORY (History I)

The examination will include: (1) the history of Greece to the death of Alexander, an outline of Greek geography, and questions on Greek life, literature, and art; (2) the history of Rome to the death of Marcus Aurelius, an outline of Roman geography, and questions



upon literature and government. The examination presupposes the use of good text-books, considerable collateral reading, and a systematic course of study of at least four exercises a week during one school year, or of two exercises a week during two school years.

#### ENGLISH AND AMERICAN HISTORY (History II)

The examination will include: (1) the history of England; (2) the history of the United States. A mastery of the narrative as presented in the best text-books is requisite, together with collateral reading upon the most important topics. To meet this requirement, not less than one school year of at least four exercises a week, or two full years of two exercises a week, is necessary.

#### PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in such text-books as Avery's *School Physics*, Gage's *Elements of Physics*, and Crew's *Elements of Physics*. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate applies for admission, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

#### CHEMISTRY

General laws and theories of chemistry, and the occurrence, preparation, and properties of the non-metallic elements and their compounds as stated in such text-books as Richter, Remsen, and Harris.

#### TIME, PLACES, AND ORDER OF EXAMINATIONS

The first examinations for admission begin at 2 P.M. on Tuesday (16th June 1903), and close on Friday of the week preceding Commencement. The result of these examinations is sent to the candidates by mail, within two weeks after the examinations are held. The second examinations for admission begin at 2 P.M. on the last Monday of the summer vacation (21st Sep-

tember 1903), and close on the following Thursday. These regular examinations for admission to the College are held in Room 5 Walker Hall at Amherst, and all candidates should present themselves promptly at the hour assigned for registration. Examination papers will be sent, free of charge, to any preparatory school of good standing, where there are candidates for admission, provided its principal will conduct the examinations simultaneously with those at Amherst, and without expense to the College. Candidates who desire to be examined elsewhere than at Amherst should send their names to the Registrar in season to be received not later than the first of June.

The order of examinations, in both June and September, is as follows:—

## FIRST DAY

P.M.	
2.00-2.15	Registration
2.15-3.45	Plane Geometry
4.00-5.30	Elementary Algebra

## SECOND DAY

A.M.		P.M.	
8.30-9.30	Latin Prose Composition	2.00-3.30	English
9.30-10.15	Cicero	3.45-4.30	History II (English and American)
10.30-11.15	Vergil and Latin Prosody	4.30-5.15	History I (Ancient)
11.15-12.00	Latin at Sight		

## THIRD DAY

A.M.		P.M.	
8.30-9.15	Greek Prose Composition	2.00-3.30	Elementary German
9.15-10.00	Anabasis		Advanced German
10.15-11.00	Iliad	3.45-5.15	Elementary French
11.00-11.45	Greek at Sight		Advanced French
11.45-12.30	Chemistry, Physics		

## FOURTH DAY

A.M.	
8.00-9.00	Advanced Algebra
9.00-10.00	Solid Geometry
10.15-11.15	Trigonometry



## PRELIMINARY EXAMINATIONS

Candidates are allowed to take examinations in any of the subjects ; and if the student is successful in five or more papers, either in the June or September examinations, or in both together; credit will be given for one year. Candidates are advised, however, to reserve for their final examinations the following subjects: Homer, Vergil or Cicero, Greek and Latin prose composition, algebra or geometry, and English.

## ADMISSION ON CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter College are received in place of entrance examinations ; but such certificates must be filled out in detail in accordance with forms printed by the College, and furnished to principals of such schools upon application to the Registrar.

Such admission by certificate allows a student to enter College conditionally upon his proving himself able to do the full work of his class ; and at any time during the Freshman year he may be dropped from the class in case his work is not satisfactory. In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week during three school years for Greek and four for Latin. In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the certificate. No certificate will be accepted for work in advanced mathematics. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examination.

After January 1, 1904, certificates will be received from schools in New England which have been approved by the New

England College Entrance Certificate Board and from no others. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, R. I. From schools outside of New England, already approved by this college, students are received on certificate, as heretofore.

#### ADMISSION ON CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in the subjects which they cover. It is to be noted, however, that these credentials are not accepted in English; that they are not satisfactory in mathematics, unless the work has been pursued or reviewed within the two years preceding the date of presentation; and that they do not wholly fulfil the requirements in Greek.

Certificates of the College Entrance Examination Board for the Middle States and Maryland are accepted.

#### CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but those deficiencies must be removed to the satisfaction of the Faculty before he can be advanced to the Junior class. The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

For conditions under which entrance prizes are given, see page 105.

#### ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of the second term of Senior year.

Candidates for admission to advanced standing are examined in the studies that have been pursued by the class they wish to

enter; also in the requirements for admission to the Freshman class, if advanced standing has not been regularly attained in another college. In applying for admission to advanced standing at Amherst, a student from another college should present a letter of honorable dismissal, together with a detailed certified statement of the work done by him in each department of study at the college from which he comes. Due credit is given for all such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin, or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry.

## Courses of Instruction

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ALL courses are three hours a week, except Mathematics 1 and Chemistry 2 and 3. The numbers 1, 2, 3, 4 denote, not the four classes, but the successive years in which courses are offered. The letters *a*, *b*, *c* denote the first, second and third terms. The letters *aa*, *bb*, *cc* denote courses parallel with courses *a*, *b*, *c* respectively.

In Freshman year those students who have presented for admission both ancient languages, elementary and advanced, pursue the study of those languages, of Mathematics and of English, and elect French or German or Physics. Those who have presented besides Latin and Greek, a modern language, elementary and advanced, may elect that language instead of one of the ancient languages. Those who have presented one ancient language pursue the study of that language, of Mathematics and of English, and elect two studies.

The required studies of Freshman year in the Scientific course are Mathematics, one term each of Descriptive Geometry, Biology and Anatomy, and two terms of English. Two studies are chosen from Latin, German, French, and Physics.

In Sophomore year each student elects five courses. The courses open to Sophomores are History 1, Greek 2, Latin 2, German 1, 2, or 3, French 1, 2, or 3, Italian 1 or Spanish 1, English 2, Mathematics 2, Physics 1 or 2, Chemistry 1, Anatomy, Biology 2.

In Junior year each student elects five courses. The courses open to Juniors are Philosophy 1, History 2, Modern Government 1, Biblical Literature 1, Greek 3, Greek Art 1, Latin 3, German 2, 3, or 4, French 2, 3, or 4, Italian 2, Italian 3, Spanish 2,

English 3, Old and Early English, Public Speaking, Mathematics 3, Physics 2, Chemistry 2, Geology 1, Biology 3, Music, and any preceding courses.

In Senior year each student elects four courses. The courses open to Seniors are Philosophy 2, History 3, Economics, Modern Government, Biblical Literature 2, Greek 4, Latin 4, Sanskrit, German 2, 3, or 4, French 2, 3, or 4, Italian 3, Italian Art 1 c, Spanish 3, English 4, Old and Early English, Mathematics 4, Physics 2 or 3, Astronomy, Navigation, Chemistry 3, Geology 2, Music, and any preceding courses.

No student is allowed to take a less number of courses than the number named for each year. Extra courses may be taken, subject to the approval of the Administration Committee. Candidates for the degree of Bachelor of Science shall complete second year German, second year French, Italian, or Spanish, and also, after Freshman year, six courses (eighteen terms) chosen from Natural Science, Mathematics, and Economics.

### PHILOSOPHY

PROFESSOR GARMAN

(1 a) Psychology and Pedagogics.

(1 b) Psychology and ethics.

(1 c) Ethics and sociology.

(2 a) History of philosophy. (1 a, 1 b, 1 c requisite)

(2 b) Discussion of problems of philosophy, and the development of thought in the nineteenth century. (2 a requisite.)

As far as possible, the philosophers and their critics are studied from their own works. The courses in philosophy include the following subcourses, several of which are taken simultaneously: — Psychology (experimental, animal, morbid); mental evolution; pedagogics and educational psychology; general psychology; heredity; anthropological ethics; political obligations; metaphysics of ethics; objective ethics; outlines of sociology; æsthetics; outline history of ancient philosophy;

selections from Locke, Berkeley, Hume, and Mill; philosophy and ethics of Herbert Spencer, Descartes, Spinoza, Kant, Fichte, Hegel, Lotze; epistemology; philosophy and evolution of religion; preparation for Christianity in the Roman empire; Christian apologetics, history and exposition of Christian doctrine; movements of thought in the nineteenth century.

## HISTORY

PROFESSOR MORSE AND DR. GALLINGER

(1 *a*) *Résumé* of ancient history; mediæval Europe to the Crusades.

(1 *b*) The Crusades; the Renaissance.

(1 *c*) Period of the Protestant reformation.

(2 *a*) Period of the Catholic counter-reformation; the religious wars.

(2 *b*) Establishment of absolutism on the Continent; the English revolutions; the dynastic wars.

(2 *c*) Introduction to the history of India; expansion of England; rise of Russia and Prussia; the colonial period of American history.

(3 *a*) The American revolution; the French revolution; the federalist period.

(3 *aa*) History of politics and parties during the American revolution and the federalist period.

(3 *b*) The Napoleonic period; period of the Holy Alliance; reform in England; revolution of 1830 and 1848: history of the United States from the election of Jefferson to the war with Mexico; introduction to the history of China and Japan.

(3 *bb*) History of politics and parties from the election of Jefferson to the close of the war with Mexico.

(3 *c*) European history from the revolution of 1848 to 1900; American history from the compromise of 1850 to the war with Spain.

(3 *c*) History of politics and parties from 1848 to 1900.

## ECONOMICS

PROFESSOR CROOK

(1 a) Outlines of economics. Walker's *Political Economy*; Hadley's *Economics*.

(1 b) Advanced work in economic theory. Assigned readings in Smith, Ricardo, and Mill, with especial attention to Marshall's *Principles of Economics* and Clark's *Distribution of Wealth*.

(1 a requisite.)

(1 bb) Money and banking. Dunbar's *Theory and History of Banking*; White's *Money and Banking*; Taussig's *Silver Question*; Noyes's *Thirty years of American Finance*. (1 a requisite.)

The practical monetary problems of the United States are considered, and the systems of banking practised in England, France, Germany, and the United States are compared.

(1 c) Public finance; taxation; public expenditures; public debts; financial administration. Adams's *Science of Finance*; *Tax Commission Reports*. (1 a requisite.)

(1 cc) Practical economic problems; transportation; monopolies; trusts. Thesis required. Hadley's *Railroad Transportation*; Ripley's *Transportation*; Jenks's *Trust Problem*. (1 a requisite.)

The department conducts an economic seminar once each week during the winter term, to which are admitted those who have attained high standing in Economics 1 a. The subjects for investigation the current year relate to the problems of labor and capital.

## MODERN GOVERNMENT AND INTERNATIONAL LAW

PROFESSOR GROSVENOR

(1 a) Object and test of government; influence of original theories, of time and of circumstances; governments as single or federal, as monarchic, aristocratic or democratic, as constitutional or arbitrary.

(1 b) Existing governments, national, local, and municipal, in



the states of Europe and America, and in Japan, China, India, and Australia. (1 *a* requisite.)

(1 *c*) History of international law; rights of states; international intercourse; relations of states at war; belligerents and neutrals; progress and future of international law. (1 *a* and 1 *b* requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethnic, and religious condition of peoples is investigated to ascertain the influence of such conditions upon their political life. Attention is paid to especial topics of contemporaneous interest. Assigned subjects are treated in theses and discussions. Grosvenor's *Contemporary History*, Wilson's *The State*, Woolsey's or Lawrence's *International Law*.

## BIBLICAL LITERATURE

PROFESSOR HENRY P. SMITH

### I. THE ENGLISH BIBLE

(1 *a*) History of Israel down to the exile; composition of the historical books; work of the prophets.

(1 *b*) Israel's restoration and the new commonwealth; supremacy of the law; the wisdom literature; the Maccabean struggle and the preparation for the New Testament.

(1 *c*) The life of Christ and the beginnings of the Church; the Roman supremacy; the Messianic expectation; epistles of Paul; other types of thought. The text-book is the English Bible (revised version).

### II. THE NEW TESTAMENT IN GREEK

(1 *aa*) Selections from the Gospels and Acts; discussion of the characteristics of Hellenistic Greek.

(1 *bb*) Select epistles of Paul.

(1 *cc*) Sections of the catholic epistles with comparison of the



Greek version of the Old Testament. The text-book is the edition of Westcott and Hort.

### III. INTRODUCTION TO THE HEBREW LANGUAGE

(2 *a*) The grammar, with exercises in translation and composition.

(2 *b*) Reading of narrative sections of the Old Testament.

(2 *c*) Reading of sections from the prophets, with especial attention to the syntax. The text-book is Davidson's *Introductory Hebrew Grammar*.

### GREEK

PROFESSORS HARRY DEF. SMITH AND ELWELL

(1 *a*) Homer's *Odyssey*, with study of Homeric characters and collateral reading on Homer.

(1 *b*) Herodotus, with study of historic characters and collateral reading on Greek historians.

(1 *c*) Lysias, with study of Athenian life and collateral reading on Attic orators.

(2 *a*) Euripides, *Medea*; lectures and collateral reading on tragedy and the theatre.

(2 *b*) Sophocles, *Oedipus at Colonus*; reading of the other tragedies of Sophocles in an English translation.

(2 *c*) Lucian, selections; Plutarch, *Life of Pericles*; lectures on the literature of the early Christian era.

(3 *a*) Plato, *The Republic*, or select dialogues; the history of philosophical literature.

(3 *b*) Aeschylus, *Agamemnon*, with study of the rest of the Orestes trilogy in an English translation.

(3 *c*) Hesiod, *Works and Days*: Lyric Poets, selections from elegiac, iambic, and melic poetry: historical study of the various types.

(Courses 3 *a*, 3 *b*, and 3 *c* are to be offered to Juniors and Seniors in 1903-1904.)

(4 *a*) Theocritus, selected *Idylls*; Apollonius Rhodius, selections from the *Argonautica*; the history of Alexandrian literature.

(4 *b*) Aristophanes, *Frogs*; the development of comedy.

(4 *c*) Aristotle, *Nicomachean Ethics*, or *Poetics*.

(Courses 4 *a*, 4 *b*, and 4 *c* are elective for Juniors and Seniors in 1902-1903.)

### LATIN

PROFESSORS CROWELL, COWLES, AND MR. WILKINS

(1 *a*) Cicero, *De Senectute*, or *De Amicitia*; *De Officiis*, at sight; discussions on Latin style; collateral reading on the life and times of Cicero.

(1 *b*) Livy, book XXI; book I, at sight; lectures on Rome and Carthage; exercises in Latin composition; collateral reading on the Punic wars.

(1 *c*) Horace, *Odes*, *Epodes*, and *Carmen Sæculare*, with the Horatian metres; collateral reading on Horace as a lyric poet.

(2 *a*) Plautus, *Trinummus* and *Captives*, with lectures on the history of Roman comedy; notes on Latin philology; selections from Catullus.

(2 *b*) Horace, *Satires* and *Epistles*; Tacitus, *Agricola*; *Germania*, at sight; history of Latin literature; illustrated lectures on Roman archæology.

(2 *c*) Selections from the letters of Pliny and Cicero; *Tusculan Disputations*, at sight; history of Latin literature; illustrated lectures on Roman archæology.

(3 *a*) Selections from Seneca the rhetorician and Seneca the philosopher; Petronius, *Cena Trimalchionis*; Quintillian, *De Institutione Oratoria*, book x; literature of the silver age.

(3 *b*) Tacitus, *Histories*, books I and III; history of the early empire: literature of the silver age.

(3 *c*) Roman satire; selections from Persius and Juvenal;

history of Roman satire; or Justinian, *Institutes*; history of Roman jurisprudence.

(4 a) Lucretius, selections from *De Rerum Natura*; Cicero, the *Immortality of the Soul*.

(4 b) Tertullian, *Apologeticus* and *Christian Latin Poetry*, selections; elements of Latin epigraphy and Rushforth's *Latin Historical Inscriptions*.

(4 c) Justinian, *Institutes*; history of Roman jurisprudence.

### SANSKRIT AND PALI

PROFESSOR ELWELL

(1 a) Perry's *Primer*; Whitney's *Grammar*; Lanman's *Reader*, *Nala*.

(1 b) Whitney's *Grammar*; Lanman's *Reader*, stories from *Hitopadeça* and *Kathā-sarit-sāgara*.

(1 c) Whitney's *Grammar*; Lanman's *Reader*; selections from *Veda* and *Brāhmana*.

These courses are offered in preparation for especial work in comparative philology, and as an introduction to the study of the religions and literatures of India.

### GERMAN

PROFESSORS RICHARDSON AND BIGELOW

(1 a) Drill in pronunciation; colloquial exercise; exercises in writing German; selections from easy German prose; Joynes-Meissner's *Grammar*.

(1 b) Exercises in writing German and in sight-reading; Joynes-Meissner's *Grammar*; prose selections.

(1 c) Exercises in writing and in sight-reading continued; prose selections continued.

(2 a) Prose Composition; memorizing; conversation; reading of modern texts.

(2 b) Schiller's *Maria Stuart* and *Wilhelm Tell*; study of

Schiller's life with an outline of German literature to the classic period; scientific German.

(2 c) Lessing's *Emelia Galotti*; Hauff's *Das Wirtshaus in Spessart*; scientific German.

(3 a) Selections from Goethe's prose works; study of Goethe's life.

(3 b) Goethe's *Faust*; history of the Faust legend.

(3 c) Lessing's *Nathan der Weise*.

(4) Modern German fiction, poetry, and drama.

This course is open only to students who have completed course 3 with high rank. It may be taken for one, two, or three terms.

## ROMANCE LANGUAGES

PROFESSOR SYMINGTON, DR. BAXTER, AND MR. WILKINS

### FRENCH

(1 a) Grammar and pronunciation.

(1 b) Grammar and pronunciation, with modern texts.

(1 c) Continuation of 1 b.

(2 a) Hugo, *Notre-Dame de Paris*; composition; private reading.

(2 b) Continuation of 2 a.

(2 c) History of French literature: Petit de Julleville; composition; private reading in connection with the study of the history of French literature.

(3 a) Corneille. (2 a, 2 b, 2 c requisite.)

(3 b) Racine, Voltaire.

(3 c) Molière.

(3 aa) The Romantic Novel. (2 a, 2 b, 2 c requisite.)

(3 bb) The Romantic Drama.

(3 cc) Romantic Poetry.

## ITALIAN

(1 *a*) Grammar and pronunciation; Gherardi del Testa; De Amicis, *Novelle*.

(1 *b*) Grammar and pronunciation; Farina; Goldoni, *La Locandiera*; Fogazzaro, *Daniele Cortis*.

(1 *c*) Stories by Verga, Capuana, Barrili, Serao; Manzoni, *I Promessi Sposi*; conversation.

(2 *a*) The sources of Boccaccio; Tales selected from *Decamerone* (Fornaciari).

(2 *b*) Bojardo, *Orlando Innamorato*; Ariosto, *Orlando Furioso*; Tasso, *Gerusalemme Liberata*.

(2 *c*) Comedy and tragedy of the eighteenth century: Goldoni, Alfieri; Poetry: Monti, Leopardi.

(3 *a*) Petrarca; Dante: *Vita Nuova*, *La Divina Commedia*.

(3 *b*) Dante, *La Divina Commedia*.

(3 *c*) Dante, *La Divina Commedia*. Collateral reading in modern literature.

## SPANISH

(1 *a*) Conversation and grammar.

(1 *b, c*) Conversation and grammar; Alarcón, Valdés, Galdós.

(2 *a*) Ramsey, *Text-book of Modern Spanish*; selected plays; composition; private reading.

(2 *b, c*) Continuation of 2 *a*.

## ENGLISH

PROFESSORS NEILL, GENUNG, AND CHURCHILL

(1 *b*) Words; figures; phraseology; written exercises.

(1 *c*) Organic processes; the sentence; the paragraph; written exercises and studies.

The object of these two required courses is to furnish, by theory and practical drill, discipline in the principles of style.

(2 *a*) Style in general; diction, prose and poetic; rhythm; approaches to invention; the composition as a whole; practice themes and written studies.

(2 *b*) The literary types ; sketches and themes.

(2 *c*) Extended themes with individual criticism ; study of literary models ; briefs and discussions.

In these elective courses the progressive steps in planning and writing an entire literary work, both in their general aspect and as determined in the various specific types, are pursued by theory and practical drill.

(3 *a*) Introduction to American literature.

The principal writers are studied with attention to the character and relation of the different periods. Pancoast's *Introduction to American Literature* ; lectures ; essays.

(3 *b*) The English Drama.

Rise and development of the drama in England ; works of the predecessors of Shakespeare ; plays of Shakespeare.

(3 *c*) The English Drama continued. (3 *a*, 3 *b*, 3 *c* are offered in 1902-1903.) For 3 *c*, 3 *b* is requisite.

(3 *aa*) The writers of the sixteenth and seventeenth centuries, exclusive of the dramatists.

(3 *bb*) Nineteenth century poetry.

(3 *cc*) Nineteenth century poetry continued. (3 *aa*, 3 *bb*, 3 *cc* will be offered in 1903-1904.) For 3 *cc*, 3 *bb* is requisite.

(4 *a*) Critical study of prose writers of the eighteenth and nineteenth centuries : Addison, Swift, Lamb, De Quincey, Macaulay, Carlyle, and Arnold ; essays and criticisms. One year of English literature must be taken precedent or parallel to this course.

(4 *b*) The English romantic poets : Cowper, Burns, Byron, Shelley, Wordsworth, and Arnold ; essays and criticisms. For 4 *b*, 4 *a* is requisite.

#### OLD AND MIDDLE ENGLISH

PROFESSOR CHURCHILL

(1 *a*) Old English (Anglo-Saxon). Cook-Sievers' *Grammar of Old English* ; Sweet's *Anglo-Saxon Primer* ; Bright's *Anglo-*

*Saxon Reader; Beowulf*; lectures on the origin and development of Old English.

(1 *b*) Old English Poetry; Middle English, especially Chaucer; *Prologue to the Canterbury Tales*; lectures on the history of Middle English and its development into modern English: Sweet's *Second Middle English Primer*.

### PUBLIC SPEAKING

PROFESSOR CHURCHILL AND DR. HOMER SMITH

(1 *a*) Oral interpretation; declamations, one hour course; individual training.

(1 *c*) Individual training of contestants for the Freshman Kellogg Prize.

(2 *a*) Oral interpretation; declamations, one hour course; individual training.

(2 *e*) Individual training of contestants for the Sophomore Kellogg Prize.

(3 *a*) Argumentation and logic; Jevons's *Lessons in Logic*; examples for praxis; lectures; discussions; oral interpretation; orations.

(3 *b*) Argumentation in debates; discussions; speeches: orations.

(4 *a*) Debates on social, economic, historical and political questions, one hour course.

(4 *b*) Debates as in (4 *a*).

(4 *c*) Individual training of contestants for the Hyde and Bond Prizes.

### MATHEMATICS

PROFESSORS ESTY AND OLDS AND MR. NEWLIN

(1 *a*) Solid and spherical geometry; Wells's *Essentials of Plane and Solid Geometry*.

(1 *aa*) Faunce's *Descriptive Geometry*.

(1 *b*) Algebra, including choice, chance, theory of limits, bino-



mial theorem, logarithms, series, determinants, and theory of equations. Hall and Knight's *College Algebra*.

(1 *c*) Plane trigonometry. Wentworth's *Trigonometry*. Spherical trigonometry, one hour course for the Walker honor division.

(2 *a*) Analytic geometry of the conic sections.

(2 *b*) Differential and integral calculus. Osborne.

(2 *c*) Differential and integral calculus continued.

(3 *a*) Analytic geometry (continuation of 2 *a*) for seven weeks, followed by the calculus and differential equations for six weeks, with especial reference to advanced courses in mechanics and physics.

(3 *b*) Kinematics; vector methods introduced.

(3 *c*) Statics; vector methods continued.

(3 *cc*) Quaternions. (1 *a*, 1 *b*, 1 *c* requisite.)

(3 *ccc*) Descriptive geometry (continuation of 1 *aa*).

(4 *a*) Ordinary and partial differential equations; analytic theory of surfaces and of curves in space.

(4 *b*) Integral calculus (advanced course); or application of vector analysis to kinetics.

(4 *c*) Introduction to the theory of functions: or vector methods in mathematical physics.

## PHYSICS

PROFESSORS KIMBALL AND THOMPSON

(1 *a*) Elementary mechanics; equilibrium and motion of solids, liquids, and gases; capillarity; molecular forces; and heat. Lectures and recitations three hours, laboratory work two hours.

(1 *b*) General course in electricity and magnetism. Lectures and recitations three hours, laboratory work two hours.

(1 *c*) A general course in sound and light. Lectures and recitations three hours, laboratory work two hours.

(2 *a*) An experimental course in electric and magnetic meas-



urements. Laboratory work six hours. (1 *b* or its equivalent requisite.)

(2 *b*) An experimental course in mechanics and sound. Laboratory work six hours. (1 *a* requisite.)

(2 *c*) Physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals. Lectures and recitations two hours, laboratory work two hours. (1 *c* requisite.)

(3 *a*) Heat, and elementary thermodynamics. Lectures and recitations two hours, laboratory work four hours. (1 *a* and mathematics 1 *b* requisite.)

(3 *b*) Electricity and magnetism, introduction to the mathematical theory. Lectures and recitations three hours. (1 *b* and mathematics 1 *b* requisite.)

(3 *c*) Electricity and magnetism; direct and alternating current dynamos and transformers. Laboratory work six hours. (2 *a* requisite.)

(3 *cc*) Chemical physics. Lectures and recitations two hours, laboratory work two hours. (1 *a* and chemistry 1 *a* requisite.)

## ASTRONOMY AND NAVIGATION

PROFESSOR TODD

(1 *a*) Descriptive astronomy, Todd's *New Astronomy*; lectures upon the history of astronomy. (Physics 1 *c* requisite.)

(1 *c*) Practical astronomy, (Loomis, Souchon); *Theoretical Astronomy* (Watson); *Investigation of the Orbit of Uranus* (Newcomb); observatory work. (1 *a*, and mathematics 1 *c*, 2 *b* requisite.)

This course includes the theory of the construction, adjustment and use of the principal instruments of the astronomical observatory, and each student makes observations with these instruments, and completely calculates or reduces them.

(1 *cc*) History of Navigation; naval architecture; instruments

of navigation; finding the ship's position; sextant practice. (Mathematics 1 *b*, 1 *c* and astronomy 1 *a* requisite.)

### CHEMISTRY

PROFESSORS HARRIS AND HOPKINS

(1 *a*) Fundamental laws of the metallic elements and part of the non-metallic elements.

(1 *b*) Continuation of 1 *a*.

(1 *c*) Metallic elements and their compounds.

(2 *a*) Qualitative analysis of simple substances.

(2 *b*) Separations and analysis of mixed compounds.

(2 *c*) Organic chemistry.

(3 *a*) Quantitative analysis of simple substances.

(3 *b*) Separations and mineral analysis.

(3 *c*) Special, technical, and sanitary analysis.

2 *a*, 2 *b*, 2 *c*, 3 *a*, 3 *b*, 3 *c*, are four hour courses.

### MINERALOGY AND GEOLOGY

PROFESSOR EMERSON

(1 *a*) Structural and dynamical geology as illustrated by the region around Amherst. Six excursions required, generally on Wednesday afternoons. [Dana's *Geology* or Scott's *Elements*.] (Physics 1 and Chemistry 1 requisite.)

(1 *b*) Continuation of 1 *a*.

(1 *c*) Historical geology, paleontology, physiography. (1 *a* *b* requisite; biology 1 desirable.)

(2 *a*) Field and laboratory work. Survey of an area of glacial and post-glacial beds. When the weather becomes unfavorable this course is followed by

(*a*) Descriptive mineralogy, crystallography, determination of minerals, petrography. Moses and Parsons' *Mineralogy*, or by

(*b*) Advanced Paleontology. Eastman's trans. of von Zittel's *Paleontology*. (Geology 1 and biology 1 required.)

(2 *b*) Continuation of 2 *a*.

(2 *c*) (*a*) Survey of an area of Triassic or Crystalline rocks, or

(*b*) Advanced work in mineralogy, petrography or paleontology. (Map or thesis required.)

## HYGIENE AND PHYSICAL EDUCATION

PROFESSORS HITCHCOCK AND PHILLIPS

(1 *a*) Personal hygiene ; lectures on fundamental laws affecting health. (One hour course.) Pyle's *Personal Hygiene*.

(1 *c*) Human physiology. Martin's *Human Body, Advanced Course*.

Except in Senior year, light gymnastic drill is required four times a week the first and second terms.

## BIOLOGY

PROFESSOR TYLER AND DR. LOOMIS

(1 *b*) Systematic zoölogy.

(2 *a*) Evolution of lower invertebrates.

(2 *b*) Evolution of vertebrates.

(2 *c*) Evolution of higher invertebrates.

Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man, are traced as far as possible. The laws governing human development and the structure and affinities of the great divisions of the animal kingdom are investigated.

(3 *a*) Comparative anatomy of the vertebrate skeleton. (2 *a* and 2 *b* requisite.)

(3 *b*) Comparative anatomy of the vertebrata continued.

(3 *c*) Distribution of animals.

(4 *a*) Anthropology. (2 *a* and 2 *b* requisite.)

(4 *b*) Vertebrate embryology. (2 *a* and 2 *b* requisite.)

(4 *c*) Development of the child.

(4 *cc*) Cytology, including inheritance and origin of sex. (2 *a*, 2 *b*, 3 *a* and 3 *b* requisite.)

**GREEK ART**

PROFESSOR HARRY DE F. SMITH

(1 a) Architecture and sculpture, with a study of the remains of the Mycenaean age and an account of the principal excavations. Painting and other lesser Arts will be briefly treated, if time permits. Text-book Tarbell's *History of Greek Art* or von Reber's *History of Ancient Art*. Lectures illustrated by pictures, casts, and lantern slides. Collateral reading, with the assignment of topics for investigation. This course is open to Seniors and Juniors.

**ITALIAN ART**

MR. WILKINS

(1 c) A course of twenty-five lectures on Italian Painting of the Renaissance, illustrated by the stereopticon, is given in the Spring Term. Collateral reading and collateral study of photographs are required. The course is open to Seniors.

**MUSIC**

PROFESSOR BIGELOW

(1 a) Rudiments of music; essentials of sight reading; training in perception of intervals; history of the scales; elementary harmony.

(1 b) Harmony, comprising intervals, triads, chords with their inversions, resolutions, cadences, suspensions, modulations; harmonization of melodies. History of Music.

(1 c) Harmony continued; chord and form analysis; harmonization of chorals; history of music; lectures, recitations, required collateral reading.

# Synopsis of the Course of Instruction

## FOR THE DEGREE OF BACHELOR OF ARTS

For details as to topics and text-books in each subject, consult the preceding pages. The figure prefixed to a study indicates the year of the study in its course, and the figure following indicates the number of hours a week devoted to the study. Required subjects are italicized.

FRESHMAN YEAR ( <i>Elect One Optional Course *</i> )				SOPHOMORE YEAR ( <i>Elect Five Courses</i> )		
FIRST TERM	SECOND TERM	THIRD TERM	FIRST TERM	SECOND TERM	THIRD TERM	THIRD TERM
1 <i>Greek</i> 4 1 <i>Latin</i> 4 1 <i>Mathematics</i> 4 1 <i>Declamation</i> 1 <i>Hygiene</i> 1 1 French 2 French 3 French 1 German 2 German 3 German 1 Physics 1 <i>Physical</i> <i>Education</i> 4	1 <i>Greek</i> 3 1 <i>Latin</i> 3 1 <i>Mathematics</i> 4 1 <i>English</i> 3 1 French 2 French 3 French 1 German 2 German 3 German 1 Physics 1 <i>Physical</i> <i>Education</i> 4	1 <i>Greek</i> 3 1 <i>Latin</i> 3 1 <i>Mathematics</i> 4 1 <i>English</i> 3 1 French 2 French 3 French 1 German 2 German 3 German 1 Physics	2 <i>Declamation</i> 1 1 Biology 1 Chemistry 2 English 1 French 2 French 3 French 1 German 2 German 3 German 2 Greek 1 History { 1 Italian or { 1 Spanish { 1 Latin 2 Mathematics 1 Physics 2 <i>Physical</i> <i>Education</i> 4	1 Biology 1 Chemistry 2 English 1 French 2 French 3 French 1 German 2 German 3 German 2 Greek 1 History { 1 Italian or { 1 Spanish { 1 Latin 2 Mathematics 1 Physics 2 <i>Physical</i> <i>Education</i> 4	Anatomy 1 Biology 1 Chemistry 2 English 1 French 2 French 3 French 1 German 2 German 3 German 2 Greek 1 History { 1 Italian or { 1 Spanish { 1 Latin 2 Mathematics 1 Physics	

\* Candidates who have presented for admission only one ancient language elect two optional courses.

JUNIOR YEAR (Elect Five Courses)				SENIOR YEAR (Elect Four Courses)			
FIRST TERM	SECOND TERM	THIRD TERM		FIRST TERM	SECOND TERM	THIRD TERM	
1 Biblical Literature 2 Biology 2 Chemistry 4 3 English 2 French 3 French 4 French 1 Geology 2 German 3 German 4 German 3 Greek 2 History 2 Italian 3 Latin 3 Mathematics 1 Mineralogy	1 Biblical Literature 2 Biology 2 Chemistry 4 3 English 2 French 3 French 4 French 1 Geology 2 German 3 German 4 German 3 Greek 2 History 2 Italian 3 Latin 3 Mathematics 1 Mineralogy	1 Biblical Literature 2 Biology 2 Chemistry 4 3 English 2 French 3 French 4 French 1 Geology 2 German 3 German 4 German 3 Greek 2 History 2 Italian 3 Latin 3 Mathematics 1 Modern Government		1 Astronomy 2 Biblical Literature 3 Chemistry 4 1 <i>Debates</i> 1 1 Economics 4 English 2 French 3 French 4 French 2 German 3 German 4 German 4 Greek Greek Art 3 History 3 Italian 4 Latin 4 Mathematics 2 Geology 4 2 Modern Government 1 Music	2 Biblical Literature 3 Chemistry 4 1 <i>Debates</i> 1 1 Economics 4 English 2 French 3 French 4 French 2 German 3 German 4 German 4 Greek 3 History 3 Italian 4 Latin 4 Mathematics 2 Geology 4 2 Modern Government 1 Music 2 Philosophy 3 Physics 1 Sanskrit 3 Spanish	1 Astronomy 2 Biblical Literature 3 Chemistry 4 1 Economics 4 English 2 French 3 French 4 French 2 German 3 German 4 German 4 Greek 3 History 3 Italian 4 Latin 4 Mathematics 2 Geology 4 2 Modern Government 1 Music 2 Philosophy 3 Physics 1 Sanskrit 3 Spanish	

# Synopsis of the Course of Instruction

## FOR THE DEGREE OF BACHELOR OF SCIENCE

For details as to topics and text-books, in each subject, consult pp. 53 to 69. The figure prefixed to a study indicates the year of the study in its course, and the figure following indicates the number of hours a week devoted to the study. Required subjects are italicized.

FRESHMAN YEAR ( <i>Elect two Optional Courses</i> )			
FIRST TERM	SECOND TERM	THIRD TERM	
<i>Descriptive Ge-</i> <i>ometry</i> 4 1 <i>Mathematics</i> 4 1 <i>Declamation</i> 1 <i>Hygiene</i> 1 1 French 2 French 3 French 1 German 2 German 3 German 1 Physics	<i>Biology</i> 3 1 <i>Mathematics</i> 4 1 <i>English</i> 3 1 French 2 French 3 French 1 German 2 German 3 German 1 Physics	<i>Anatomy</i> 1 <i>Mathematics</i> 4 1 <i>English</i> 3 1 French 2 French 3 French 1 German 2 German 3 German 1 Physics	For Sophomore, Junior, and Senior years, the same courses are offered as for the degree of Bachelor of Arts. Candidates for the degree of Bachelor of Science must elect eighteen term-courses from science, mathematics or economics during the last three years, and complete the second year's course in two modern languages.

# Clubs and Societies

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## ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish and Italian,—the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. To further the object of the Club regular, informal, weekly meetings are held, foreign dailies and illustrated weeklies are kept on file in the Club Room, which is always open to members, distinguished foreigners are invited to speak in their native tongue under the auspices of the Club, plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

## GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews. Weekly meetings are held, at which German only is spoken.

## LITERARY CLUB

The Literary Club, meeting fortnightly, is organized and conducted by students, but the teachers of English are active members. The purpose of the Club is to increase interest in English literature, to form correct literary opinions, and to promote free discussion of literary subjects. The present year modern authors are considered.



## CHORUS AND ORCHESTRAL WORK

A chorus and orchestra consisting of students, faculty, and citizens of the town and vicinity, after practice extending throughout the college year, render on Commencement Sunday, some musical masterpiece, thus giving all who can play an instrument, or sing, an opportunity for practice and development in the realm of good music. The works given, thus far, are Mendelssohn's Oratorios *St. Paul* and *Hymn of Praise*. Handel's *Dettingen Te Deum*, Mendelssohn's *Hear my Prayer* and the overture to Von Weber's *Freischütz* are in preparation. The *Messiah* and the *Elijah* are to be next studied. Also a string quartet meets regularly for the study of Chamber music.

## COLLEGE CHOIR

Students at the college who are gifted with good voices, and have experience in singing, may become members of the choir, whenever there are vacancies, and receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such rehearsals as may be appointed.

# The College Library

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THE COLLEGE LIBRARY contains about eighty thousand volumes, selected mainly with reference to purposes of study and thoughtful reading. The object kept constantly in view is, to broaden the scope of the work of both teachers and students, and the library is therefore well furnished with books of a general and illustrative character, so that any subject may readily be pursued beyond the limits of text-book or monographic treatment.

The funds available for the increase of the library, and restricted to that use, yield an annual income of about four thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain the encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves in the main library-room. In each section of the room, chairs and tables near the shelves furnish facilities for using the books, and the librarian and assistants are ready to give each applicant all needed help in reading and research. By this means students gradually become familiar with the use of a library, and acquire something of the bibliographic sense indispensable to the genuine scholar. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8.45 A.M. to 9.30 P.M. every day excepting Sundays and holidays. During vacations the library and reading-room are opened regularly once a week, at an hour convenient to the librarians.

By vote of the trustees, the library building bears the name of The Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

A number of slabs, sculptured in the earliest style of Assyrian art about 900 B.C., and obtained by the late Dr. Henry Lobdell from the palace-walls of Sardanapalus at Nimroud, are in the porch of the library.

## The Mather Art Museum

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FOR purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, as well as the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenaean, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence, while the corresponding space at the west end is filled by a reproduction of Crawford's doors of the Capitol at Washington. This Museum, containing, as it does, copies of a great number of the world's masterpieces of sculpture, is of inestimable value to the College and a worthy memorial to the devoted labors of Professor Mather.

Entrance to the Museum is gained through the central door on the north side of Williston Hall, or through the smaller door, on the same side, leading to the Greek room. It is open every week-day, while College is in session, from the first of May to the first of December, from two to three o'clock P.M.

At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the Library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments: while in the vestibule of the Library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Dr. Henry Lobdell from the walls of the palace of Sardanapalus at Nimroud.

## Laboratories and Apparatus

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NEW laboratories for chemistry and physics have been erected upon the land added to the College campus by gift of Mr. D. Willis James. The chemical laboratory has ample accommodations for all needs of the department. It contains on the first floor a Senior laboratory and balance room for quantitative analysis; also another laboratory, arranged with sixty desks, fitted for the qualitative work of Junior year. Adjacent are the supply rooms. Upon the second floor is a lecture room with accommodation for the largest classes, and adjoining is a commodious room for all preparations and apparatus for lecture experiments. Upon the same floor is a working laboratory for students in general chemistry, where sixty can easily be accommodated at one time. Also on this floor is a laboratory arranged for organic and sanitary work, with a combustion room contiguous. Upon each floor is a convenient recitation room for drill work. A library room is in proximity to the work of the more advanced students. In the well-lighted basement are storerooms for glassware, chemicals and acids, an assay room, a gas analysis room, and a workshop.

On the main floor of the physical laboratory is a large lecture room, provided with a variety of arrangements to aid in demonstrations. Immediately adjoining the lecture room is an apparatus room with a valuable and complete collection for lecture illustration. There are also on this floor a library and reading room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a

spectroscope room equipped with a powerful concave-grating spectroscope. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power. Throughout the building slate shelves and brackets are built into the walls to secure steadiness, and in the basement are substantial piers. The collection of apparatus includes many instruments of precision suitable for investigation as well as instruction.

The biological laboratory is connected with the Appleton Cabinet. On the first floor is the large recitation room, containing the study collections of animals and a full local herbarium. The collection is illustrated by a set of Leuckart's wall charts. Adjoining the recitation room is the reading room, or department library. This library, the gift of former students in the department, contains at present about two hundred and fifty volumes, and includes two or more copies of the larger and more expensive text-books and books of reference. The student is thus enabled to study the specimen with the best charts and books of reference immediately within his reach. On the south side of the second floor is the large laboratory for beginners, where sixty men can find place and light to work at the same time. With few exceptions, however, each division is limited to twelve students. On the north side is the laboratory for advanced work, with accommodations for about twenty students. Both laboratories are abundantly supplied with microscopes, microtomes, and all needed instruments.

## The Observatory

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AMHERST College Observatory contains a seven-and-one-quarter-inch telescope by Alvan Clark, an alt-azimuth, two transits with the usual accessories for meridian observations; surveying and engineering instruments, a twelve-inch reflector, and much other apparatus, chiefly of use on eclipse expeditions. The Observatory and its equipment are maintained both for educational purposes and for original research. Connected with the Observatory is the division of practical meteorology, in which observations of the chief meteorological elements are systematically conducted in continuance of the work begun in 1835 by the late Professor Snell, and maintained without interruption to the present time. A bequest of the late Charles T. Wilder of Wellesley Hills has enabled the Trustees to purchase an excellent site near the College, upon which a new Observatory with a thoroughly modern equipment will soon be erected.

The plans have been completed by Messrs. McKim, Mead and White of New York, and ground will be broken early in the spring of 1903. The central dome will be thirty-three feet in diameter, and cover an equatorial telescope of eighteen inches aperture, and about twenty-five feet focal length. The glass disks for this telescope are already in the hands of Alvan Clark and Sons of Cambridge, and it is expected that the new Observatory and its equipment will be completed in 1904.



# The Natural History Collections

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THE Woods Cabinet is named in honor of its principal donor, the late Hon. Josiah B. Woods of Enfield. It contains all the geological collections of the College, consisting of the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection; comprising in all about twenty-five thousand specimens.

In the Appleton Cabinet, named in honor of the late Hon. Samuel Appleton of Boston, are the Hitchcock ichnological collection, the Gilbert museum of Indian relics, and the Adams zoölogical collection.

In the ichnological collection, named after President Hitchcock, are to be found about fourteen hundred specimens, containing at least twenty thousand tracks of animals in stone, together with plaster and clay casts of tracks of living and extinct species of animals. The museum of Indian relics receives its name from the Hon. George Gilbert of Ware, by whose liberality it was mainly established. It comprises about thirty-five hundred specimens of the stone implements of extinct Indian tribes, principally those who lived in the Connecticut valley. The zoölogical collection was originally gathered and arranged by Professor Charles B. Adams. It comprises prepared specimens of animals and their habitations, and dried plants, representing all the great groups of the animal and vegetable kingdoms. In the department of shells it is particularly extensive and valuable. A collection in comparative osteology, and the clastic models of Auzoux, are incorporated with the zoölogical collection. The collections arranged in these several cabinets contain more than

one hundred thousand specimens of the animal, mineral, and vegetable kingdoms.

By the gift of the Hon. Elbert E. Farman, LL.D. of Warsaw, New York, the College possesses Audubon's celebrated collection of birds, amounting in all to about six hundred specimens. Many of these are the typical specimens by which the species were determined, and about one hundred have been mounted for exhibition in the Appleton Cabinet. Also, there have been added to this collection by the same donor several of the rarer California birds which have been discovered since the death of Audubon.

The cabinets are open to the public every week-day from three to four P.M.

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## The Pratt Gymnasium

THE new building bears the name of the Pratt Gymnasium, in honor of Charles M. Pratt of New York, of the class of 1879. The main hall affords ample space for a class to receive drill practice with light apparatus, and to execute certain marching movements. The equipment of specialized apparatus is complete, and enables a large number of students to take individual and voluntary exercise simultaneously. The facilities of the dressing-room and the bathing-rooms are abundant.

On the main floor are the rooms of the Professor of hygiene, and apartments for the examination and measurement of students, well equipped with the anthropometric apparatus necessary for this purpose. The two physicians of the College are in daily attendance, to give their personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a billiard-room, open during a portion of each week-day. In the basement are the

bowling-alleys, a sparring-room, an area for the use of Indian clubs, and ample space for practice at the game of base-ball. During term-time the gymnasium is open every week-day from 8.15 A.M. to 6 P.M. and for special purposes in the evening, at such hours as may be permitted by the department.

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## The Pratt Field and Recreation Grounds

THE PRATT FIELD, an area of about thirteen acres, less than a third of a mile from the College chapel, and superbly located on the eastern slope of the Connecticut valley, is a gift to the College from Frederic B. Pratt of New York, of the class of 1887. Immediately adjacent to this field is Hallock Park, an original forest of six acres. These grounds are intended not merely for those who compete in games, but are arranged for outdoor recreation of all the students of the College. The control of the field and of the financial matters of the athletic associations is vested in the Amherst College Athletic Board, on which are representatives of the faculty, alumni, and undergraduates.

The field for athletics has been graded to an exact level. It is provided with a well laid quarter-mile track and spaces for the field-contests of modern athletics; and ample provision is made for the base-ball diamond and the foot-ball grounds. The new grand stand seats about five hundred, and furnishes standing room for as many more. Provision is made for the needs of those who use the grounds, in dressing-rooms, bath-rooms, and store-rooms. It has been the aim of the donor to give to the College a beautiful and commodious field, for rendering thoroughly enjoyable the out-of-door exercise which Amherst encourages in physical training.

## The Pratt Health Cottage

IN a retired location both elevated and healthful, three-fourths of a mile northeast from the College grounds, has recently been erected a building known as the Pratt Health Cottage, the joint gift of George D. Pratt of the class of 1893, Herbert L. Pratt of the class of 1895, and John T. Pratt of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physicians have general charge of all cases in the infirmary, except that any student is at liberty to employ a physician of his own choice and school of medicine, so far as is allowed by the laws of this state. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. A matron in attendance upon the Cottage is ready at all hours during term-time to relieve sick or disabled students, and provide for their urgent necessities, pending any arrangement for especial treatment. The cost to each patient is only a charge sufficient to defray such expense as may be incurred by his being an inmate of the Cottage. Provision is made for the expenses of a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D. of the class of 1844, one in memory of President William S. Clark, LL.D. of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D. of the class of 1834.

## Dormitories

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THE rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. Dry sub-cellars insure perfect ventilation. The buildings are heated with steam and there are tiled open fireplaces in most of the rooms. The floors of carefully matched hard wood may be left uncarpeted and used with rugs. On the second floor of each half of each dormitory there is a bath room with all modern appointments. Set marble basins with modern plumbing and running water are supplied in each room. The halls are lighted with gas, and the prices named for room-rent include heat, water, and care of the rooms by capable janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date members of college may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one-quarter on engaging the room, one-quarter on the first of October, and the balance on the first of March.

### NORTH COLLEGE

#### NORTH ENTRY

*First Floor:* No. 1, \$90; No. 2, \$80; No. 3, \$80; No. 4, \$90.

*Second Floor:* No. 5, \$115; Nos. 6 and 6A, \$135; No. 8, \$120; Room D, \$55.

*Third Floor:* No. 9, \$115; No. 10, \$90; No. 11, \$90; No. 12, \$120; Room E, \$60.

*Fourth Floor:* No. 13, \$110; No. 14, \$85; No. 15, \$85; No. 16, \$115; Room F, \$55.

## SOUTH ENTRY

*First Floor:* No. 17, \$80; No. 19, \$85; No. 20, \$80; No. 18, \$85.

*Second Floor:* Nos. 21 and 21A, \$135; No. 22, \$115; No. 23, \$120; Room A, \$55.

*Third Floor:* No. 25, \$90; No. 26, \$115; No. 27, \$120; No. 28, \$90; Room B, \$60.

*Fourth Floor:* No. 29, \$85; No. 30, \$110; No. 31, \$115; No. 32, \$85; Room C, \$55.

## SOUTH COLLEGE

## NORTH ENTRY

*First Floor:* No. 1, \$85; No. 2, \$65; No. 2A, \$40; No. 3, \$40; No. 4, \$85. (Nos. 2 and 2A should rent as a suite, and No. 3 may rent with them.)

*Second Floor:* No. 5, \$115; Nos. 6 and 6A, \$135; No. 7, \$55; No. 8, \$120.

*Third Floor:* No. 9, \$115; No. 10, \$90; No. 10A, \$50; No. 10B, \$45; No. 11, \$60; No. 12, \$120. (Nos. 10, 10A, and 10B should rent as a suite; or Nos. 10 and 10A may be rented together, and No. 10B and No. 11 may be rented as a suite.)

*Fourth Floor:* No. 13, \$110; No. 14, \$80; No. 14A, \$50; No. 14B, \$45; No. 15, \$55; No. 16, \$115. (Nos. 14, 14A and 14B should rent as a suite; or Nos. 14 and 14A may be rented together, and No. 14B may be rented with No. 15 as a suite.)

## SOUTH ENTRY

*First Floor:* No. 17, \$80; No. 18, \$95; No. 19, \$95; No. 20, \$80.

*Second Floor:* Nos. 21 and 21A, \$135; No. 22, \$125; No. 23, \$125; Room A, \$55.

*Third Floor:* No. 25, \$95; No. 26, \$125; No. 27, \$125; No. 28, \$95; Room B, \$65.

*Fourth Floor:* No. 29, \$90; No. 30, \$120; No. 31, \$120; No. 32, \$90; Room C, \$60.

# Administration

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## TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time, divided into the Autumn term of thirteen weeks, the Winter term of twelve weeks, and the Spring term of eleven weeks. The holiday recess of two weeks follows the Autumn term; the Spring recess of two weeks follows the Winter term; and the Summer vacation of twelve weeks follows the Spring term.

All the terms begin on a Thursday, at half-past eleven o'clock A.M. The Autumn and Winter terms end on a Thursday at quarter before one o'clock P.M.; the Spring term on the Saturday before Commencement. Commencement day is the last Wednesday in June.

A printed schedule of the exercises of the College is published at the beginning of every term. On Wednesday and Saturday afternoons all exercises are suspended.

## ATTENDANCE AT RECITATIONS AND LECTURES

From class-room exercises four absences are allowed from each three-hour course in the first term; and three absences in the second and in the third term. In courses involving more or less than three hours a week and in laboratory courses the number of allowed absences must not exceed one-tenth of the total number of exercises in the term. Three tardy marks count as one absence.

A student who has more absences than are allowed in any course must take an examination corresponding to those absences before he can be admitted to the final examination. If he fails on this examination, five one-hundredths for each ab-



sence are deducted from his standing in the course. Frequent absences, except for illness, are not permitted.

All students going home to vote have an opportunity to make up for the necessary absences by special recitations or exercises.

### EXAMINATIONS

Examinations are held at the end of each term, or at intervals during the term, in all courses. There are no second or make-up examinations after the close of a term, except in required courses.

A student who has failed in a required course may take a second examination the day before the beginning of the next college year. A Senior who has failed in any course or courses of the third term may take a second examination in the Senior vacation. A Senior who has failed in any course or courses of the second term, in case there are no courses that can be substituted the third term, may take a second examination in the Senior vacation.

No student may anticipate a final examination except by special permission obtained from the Administration Committee.

### DELINQUENCIES

A student who has failed in a required course on a second examination is obliged to repeat it the following year with the next lower class. A student who has failed in an elective course is obliged to repeat it the following year, or may, with the consent of the Administration Committee, substitute another course in one of the two following terms.

A student who, on account of illness, does not take a final examination may be granted the privilege of a special examination, provided he presents a certificate from one of the College physicians.



## GRADUATION IN LESS THAN FOUR YEARS

## GRADUATION IN THREE YEARS

A student who, by examination, has at entrance two term-credits in college studies, may take six courses each term, besides required work in declamation, debates and hygiene, in order to obtain a degree in three years, provided he maintains an average standing of 75. Written notice of intention to complete the course in three years shall be given at the beginning of the first year.

## GRADUATION IN THREE YEARS AND ONE TERM

A student may complete the course in ten terms by taking six courses a term after the first year, besides required work in declamation, debates and hygiene, provided he maintains an average standing of 75, and may take his degree at the Commencement following. Written notice of intention to complete the course in ten terms shall be given at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

No student shall take more than the required number of studies in any term in order to shorten the course, or for whatever reason, except by permission of the Administration Committee.

## ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each term; from the Sunday service, three absences are allowed in each of the first two terms, and two in the third term.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Registrar, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age,

his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises on account of sickness must be made to one of the College physicians.

### ATTENDANCE AT GYMNASIUM

Four hours a week of physical exercise are required of the Freshman, Sophomore and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after the Fall Athletic Meet. A limited number of students are excused from the required attendance at the Gymnasium while they are actively training for one of the athletic teams of the College.

Each student on entering College is required to take a physical examination.

### PUBLIC EXHIBITIONS

Any club, association, or team of students proposing to give one or more entertainments or exhibitions, before making any contracts or engagements, must present their plans to the Committee on Public Exhibitions who will be ready to confer with the Manager and another representative of the Club or Association, and no engagements shall be made without the approval of the Committee.

No student who has more than two delinquencies is allowed to take part in any public game or entertainment given by any club, association, or team of students; nor any student who has two delinquencies, provided there has been opportunity to remove one of the two; nor any student whose work in the current term is so unsatisfactory as to call for special action by the Faculty.

## TERM BILLS, BOND, AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals amount to one hundred and ten dollars for the year. One-half of the annual charge is due on the first day of October, the other half on the first day of March. A bond of two hundred dollars, with satisfactory surety for the payment of all college bills, must be given to the Treasurer by each student when he enters college.

Each member of the Senior class is required to pay a graduation fee of six dollars.

## LABORATORY FEES

Physics	{ First year, each term . . . . .	\$3.00
	{ Second and third years, each term . . . . .	5.00
Biology	{ First and second years, each term . . . . .	3.00
	{ Third year, each term . . . . .	5.00
Chemistry	{ First year, each term . . . . .	3.00
	{ Second year, first and second terms each . . . . .	10.00
	{ Third year, each term . . . . .	10.00

These fees must be paid by Friday of the third week of the term for which they are charged. Dues for breakage must be paid at the close of the term.

## EXPENSES

The following table shows three scales of annual expenditures, omitting clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:

	Low	Moderate	Liberal
Tuition . . . . .	\$110	\$110	\$110
Room (one-half) . . . . .	35	55	75
Furniture (annual average) . . . . .	10	20	30
Board thirty-six weeks . . . . .	108	144	160
Fuel and light . . . . .	10	15	25
Washing . . . . .	10	15	25
	<hr/> \$283	<hr/> \$359	<hr/> \$425

## RELIGIOUS CULTURE

The Christian life of the College finds expression through the College church and the College Young Men's Christian Association. A service for public worship is held in the College church every Sunday morning at quarter before eleven, and there are prayers in the chapel every week-day morning at half-past eight o'clock. There is a prayer-meeting every Thursday evening, and there are class prayer-meetings and classes for the study of the Bible regularly on Sunday.

## PHYSICAL CULTURE

The department of hygiene and physical education is under the charge of two physicians, who keep themselves acquainted with the health of all the students. Soon after he enters College, and twice thereafter during his collegiate course, each student is minutely examined in reference to his strength and physical condition, and advised as to any particular course he should take for the maintenance and increase of his health and strength. A manual of average measurements, together with a record of his own measurements, is given him; also he is directed to the most advantageous use of the ample appliances with which the Pratt Gymnasium and athletic field are provided.

Besides the exercises which every student may take by himself, the members of each class except Seniors regularly exercise together in the gymnasium four times every week, during the Autumn and Winter terms. Unless excused for physical disability, the attendance of every student is required at the gymnasium for the performance of these exercises in light gymnastics.

The results of this system of prescribed gymnastic training pursued in the College have been eminently satisfactory. While hygienists affirm that, as a general rule, the health of a young man from fifteen to twenty-five years of age is apt to decline, the reverse rule is found to prevail with students here. From statis-

tics systematically kept for more than thirty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class, best of all. Moreover, this average is shown to come from improvement in the physical condition of the individual student, and not from absence of those who drop out of the course because physically too weak to complete it.

# Degrees

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## DEGREE OF BACHELOR OF ARTS

CANDIDATES for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, forty-two term-courses. Those candidates who present for admission both ancient languages are required to study those languages the first year. Those who present, in addition to Latin and Greek, a modern language, elementary and advanced, may elect that language the first year, instead of one of the ancient languages. Those who present for admission one ancient language are required to study that language through the first year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

## DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, forty-two term-courses, eighteen of which shall be chosen from sciences, mathematics and economics, besides second year German and second year French, Italian or Spanish. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship. A student who presents maximum Latin among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by electing the Latin courses of Freshman year.

## DEGREE OF MASTER OF ARTS

The degree of Master of Arts will be conferred upon Bachelors of Arts of Amherst College who have spent a year in resi-

dence at the college, pursuing a systematic course of liberal, non-professional study, approved by the committee on degrees. Proficiency will be tested by examination or by examination and thesis, as may be determined by the professors under whose direction studies are pursued.

The degree will be conferred upon Bachelors of Arts of this college who have been one year in residence at another college and have fulfilled the requirements indicated in the preceding paragraph.

The degree will be conferred upon Bachelors of Arts of this College, not in residence at the college, who, not less than three years after graduation, have completed a course of liberal, non-professional study approved by the committee on degrees. Proficiency will be tested by examination or by examination and thesis.

Those who complete, at the end of the first term of Senior year, the requirements for the degree of Bachelor of Arts, may apply the remainder of the year to studies leading to the degree of Master of Arts and finish their studies in non-residence the following year, receiving the degree one year after graduation.

Every resident candidate must register his name and subjects of study with the Registrar not later than October first.

Every non-resident candidate shall register his name and subjects with the Registrar not later than October first preceding the Commencement when the degree is conferred.

Every candidate who completes the requirements for the Bachelor's degree at the end of the first term of Senior year and applies the remainder of the year to studies leading to the Master's degree shall register his name and subjects not later than December first.

Every resident candidate shall pay the regular tuition for each term of residence, and a diploma fee of five dollars. Every non-



resident candidate shall pay a fee of ten dollars for examination and diploma.

Also, the requirements for the Master's degree may be fulfilled until, but not after the Academic year beginning September, 1904, by (a) a three years' course of professional study at a school of theology, law, or medicine, of approved standing, or (b) three years spent in teaching the higher branches in a classical or scientific school of approved standing, together with evidence of special study of teaching as an art or science, or of some branch of literature, philosophy, history, or science. When application for the degree is made under caption (b), it is expected that the candidate will submit evidence of success in his chosen profession of teaching; also a satisfactory thesis upon the especial subject of study pursued with reference to the degree.

Communications relative to the requirements for the degree should be addressed to Professor John F. Genung, Chairman of the Committee on Degrees.

### SPECIAL COURSE

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, unless any of those studies have been taken already. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages and History. After the first year all studies are elective.



# Fellowships

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## THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Of two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, will be awarded annually to a member of the Senior class for excellence in history and the social and economic sciences, under conditions determined by the Faculty. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

## THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg, of Green Bay, Wisconsin, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions: —

(1) He shall be selected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

The Fellowship was established in 1892. The first incumbent was Arthur H. Pierce, Ph.D. of the class of 1888, who was appointed Kellogg Fellow in 1893, studied at the Universities of Berlin, Strassburg and Paris three years, lectured at Amherst College four years on Psychology, and published "Studies in Space Perception," 1901. He is now professor of Psychology in Smith College. The present (second) incumbent is Frank Otis Reed, of the class of 1899, who was appointed Kellogg Fellow in 1900, and is pursuing studies in the Romance Languages at Madrid and Paris.

#### THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

# Honors

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## COMMENCEMENT SPEAKERS

The six Seniors who have attained the highest general standing are appointed to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

## THE PHI BETA KAPPA SOCIETY

Those who at the end of the second term of Junior year have attained a general standing represented by eighty-eight or more, on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the second term of Senior year have attained a general standing represented by eighty-five or more, are elected members of the society.

## FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions :

(1) The candidate must complete the last six term-courses. Economics and Modern Government are grouped together to secure six terms. In History the Junior courses (2 *a*, *b*, *c*) may be reckoned as three of the last six term-courses, or both parallel courses of Senior year may be so reckoned. The special work of collateral reading or investigation is to be done in the last three term-courses. No student may be a candidate in more than one department, except by vote of the Faculty.

(2) The candidate must maintain an average standing of not less than eighty in all studies of the college course: a standing of not less than seventy-five in every study of Senior year; and of ninety in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by a thesis, or by both, at the end of Senior year.

(4) The names of successful candidates are announced at Commencement and in the annual catalogue.

(5) Notice of intention to become a candidate must be given to the Registrar by October 10th of the Senior year.

(6) One unit is added to the total average rank of a student who takes final honors.

#### HONORABLE MENTION

(1) There must be a standing of not less than seventy-five in every department for the year.

(2) An average of ninety-three must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention will be announced at Commencement and in the annual catalogue.

# Prizes

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THE following prizes are offered annually for proficiency in the work of several of the departments of collegiate study:—

## GREEK

**The Hutchins Prize** of sixty dollars, to the best scholar in Greek at the end of the Junior year, given by the late Hon. Waldo Hutchins of New York. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

## LATIN

**The Bertram Prizes** of fifty, thirty, and twenty dollars respectively, given by the late John Bertram of Salem. In 1903 these prizes will be awarded for the best essays by Seniors upon the beginnings of Latin philosophical literature and of Latin Christian literature, as illustrated by the *De Rerum Natura* of Lucretius, and the *Liber Apologeticus* of Tertullian, with an excursus on the civilization and language of Roman Africa in the second century A.D.

**The Billings Prizes**, one of thirty dollars, and one of twenty dollars, given by the late Parmly Billings of Billings, Montana, for excellence in the Latin of at least two terms of the Senior year.

**The Law Latin Prize** of ten dollars, for excellence in the Law Latin of the Senior year.

**The Thompson Prizes**, of thirty, twenty, and ten dollars respectively, given by the Rev. Walter Thompson of Garrison's, New York, for the highest scholarship in the Latin of the Junior year, together with especial work.

**The Sophomore Prizes**, one of twenty dollars and one of ten dollars, for the best examinations on portions of the work especially connected with the study of Latin philology, together with general excellence in the work of the year.

**The Freshman Prizes**, one of twenty dollars and one of ten dollars, for the highest scholarship in the work of Freshman year. The award will generally be determined by the regular recitations and examinations, but a special examination may be required.

#### ENGLISH

**The Kellogg Prizes**, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of Green Bay, Wisconsin, for excellence in declamation.

**The Hardy Prizes**, the first prize of thirty dollars, the second prize of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking. These prizes are awarded in Commencement week.

**The Hyde Prize** of one hundred dollars, given by Benjamin D. Hyde of Boston, in memory of his father, Henry D. Hyde, for many years a Trustee of Amherst College, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

**The Bond Prize** of one hundred dollars, given by the late Ephraim W. Bond of Springfield, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

**The Kent Prize in English Literature** of one hundred dollars, given by Daniel Kent of Worcester, for the best essay upon an assigned subject. The essay for 1903 may be written upon either of the following subjects: (1) Americanism in Longfellow's Poetry; (2) Wordsworth and his Early Critics; (3) Arnold's Poetry examined in the light of his prose writings.

**The Hogan Prizes** of forty dollars in books, given by Timothy Hogan of New York, in memory of his son, Arthur F. Hogan of the class of 1891, to members of the class in public speaking who excel in oratorical composition the second term of Junior year.

**The Ladd Prizes** of fifty dollars in books, given by J. W. Ladd of Portland, Oregon, to members of the class in public speaking who excel in oratorical composition the second term of Junior year.

**The Armstrong Prizes** of one hundred dollars in books, given by Collin Armstrong of New York, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

#### BIBLICAL LITERATURE

**The Boynton Term Prizes** of thirty dollars, given by the family of the late Eleazar Boynton of Medford, to encourage personal study and investigation of the Bible. These prizes are divided into three of ten dollars each, and are awarded, one at the end of each term, to the student who writes the best essay on an assigned topic covering the work of the term. No award will be made in case all the essays submitted are found unsatisfactory.

#### MATHEMATICS, PHYSICS, AND ASTRONOMY

**The Walker Prize** of two hundred dollars, given by the late William J. Walker of Newport, Rhode Island, for excellence in the mathematics of Sophomore year, as exhibited in both oral and written examinations. One-fourth of the amount is paid at the end of Sophomore year, and the remainder at the end of a year of graduate study pursued under the direction of the Faculty.

**The Porter Prize** of thirty dollars, given by the late Eleazar Porter of Hadley, for highest scholarship in physics and astronomy. This award is made at the conclusion of the collegiate course, and is determined by the record of all recitations and examinations in these departments.

**The A. C. James Navigation Prize** of fifty dollars, for highest excellence in the course in navigation.

#### NATURAL SCIENCE

**The Shepard Mineralogical Prizes** of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, to members of the Senior class for greatest excellence in the department of mineralogy.

**The Sawyer Prize**, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer of Easthampton, for the best work in human anatomy and physiology.



**The A. Lyman Williston Prize** of fifteen and ten dollars, given by A. Lyman Williston of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

#### THE PORTER ADMISSION PRIZE

**The Porter Admission Prize** of forty dollars, given by the late Eleazar Porter of Hadley, to the candidate who passes the best examination for admission to the Freshman class, in the classical course. The name of the successful candidate, together with that of the school at which or the instructor with whom he prepared for college, is published in the catalogue. Competition for this prize is limited to students who present for admission the full requirements in Latin and Greek.

#### OTHER PRIZES

**The Leland Prize** of one hundred dollars, given by Dr. George A. Leland of Boston, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

**The Ladd Prizes**, the sum of one hundred dollars, given by William M. Ladd of Portland, Oregon, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

**The Woods Prize** of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the collegiate course.



# Scholarship and Beneficiary Aid

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THE beneficiary funds of the College exceed two hundred and eighty-five thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually by a committee of the Faculty, among students of high character and good scholarship who need pecuniary aid.

In this distribution the following general rules are observed : —

No aid from beneficiary funds is given to (*a*) students who fail to maintain a high standard of honor in college life ; (*b*) students who are delinquent in any subject at the time of their application ; (*c*) students whose average rank for the year preceding their application has been below seventy per cent ; (*d*) students whose habits are not economical ; (*e*) students who enter the College for special courses of study, without reference to a degree.

Awards from beneficiary funds are paid in two instalments on the first of October and March respectively, when the college term-bills become due ; but the second instalment of these awards is payable only on condition that the applicant is free from all delinquencies in his college work at the end of the first term.

The receipt of financial assistance for a given year establishes no claim to a subsequent award.

Applicants for beneficiary aid in the three upper classes must file at the Registrar's office before the first of October a certified statement of their resources for the current academic year, together with three letters of recommendation, giving evidence of their need, attainments, and character. In place of the above specified letters of recommendation, applicants for the renewal of such aid must present a certified account of their expenditures and income for the year preceding their application.

Upon nomination by the principal or teacher who prepared them for college, a limited number of applicants who are of exceptional

ability and good character may be assured, in advance of the opening of the college year, of awards varying from fifty to one hundred dollars, according to their need and attainments. Candidates for the Christian ministry may be assured of awards covering full tuition, one hundred and ten dollars, provided their character and scholarship command the confidence of the committee. Assured awards are not payable unless the applicant is free from entrance conditions on the first of October. Blanks for scholarship applications may be obtained of the Registrar; and applications must be accompanied by three letters of recommendation, giving evidence of the applicant's character and attainments, and especially of his need of pecuniary aid. No awards to the entering class will be announced before the first of May.

Awards are made from the income of the following funds :—

**The Charitable Fund**, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

**The Stone Scholarship Fund**, \$25,000.

**The Class of 1871 Scholarship Fund**, \$25,000, established by a member of the class.

**The William Hilton Scholarship Fund**, \$17,500, the bequest of William Hilton of Boston.

**The Hitchcock Scholarship Fund**, \$10,000, established by Samuel A. Hitchcock of Brimfield.

**The Whitcomb Scholarship Fund**, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

**The Day Benevolent Fund**, \$5000, the bequest of Moses Day of Boston.

**The Seymour Scholarship Fund**, \$5000, the bequest of James S. Seymour of Auburn, New York.

**The Class of 1851 Scholarship Fund**, \$5000, established by John E. Sanford of Taunton.

**The Farnsworth Scholarship Fund**, \$3000, established by Isaac D. Farnsworth of Boston.

**The Knowles Scholarship Fund**, \$3000, the bequest of Lucius J. Knowles of Worcester.

**A Scholarship Fund**, \$3000, established by a friend of the College.

**The Reed Scholarship Fund**, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

- The Harold Ely Morse Memorial Scholarship**, \$2500, established by the family of Professor Anson D. Morse.
- The Persian Scholarship Fund**, \$2000, the bequest of Rev. James L. Merri-  
rick of Amherst.
- The Charles Merriam Scholarship Fund**, \$2000, established by Charles  
Merriam of Springfield.
- The Quincy Tufts Scholarship Fund**, \$2000, the bequest of Quincy Tufts  
of Boston.
- The Henry Gridley Scholarship of the Class-of-1862 Fund**, \$2000, estab-  
lished by the Class, in memory of their classmate whose name it bears.
- The Borden Scholarship Fund**, \$2000, the bequest of Samuel Augustus  
Borden of Boston.
- The Anderson Scholarship Fund**, \$2000, the bequest of Samuel Augustus  
Borden of Boston.
- The W. Eugene Kimball Scholarship Fund**, \$2000, established by Robert  
J. Kimball of Brooklyn, New York.
- A Scholarship Fund**, \$2000, established by a friend of the College.
- The Alexander H. Bullock Scholarship Fund**, \$1500, established by Alex-  
ander H. Bullock of Worcester, of the Class of 1836.
- The Scholarship of the Class-of-1836 Fund**, \$1500, established by the  
Class.
- The Scholarship of the Class-of-1853 Fund**, \$1500, established by the  
Class.
- The Scholarship of the Class-of-1871 Fund**, \$1400, established by the  
Class.
- The Scholarship of the Class-of-1826 Fund**, \$500, established by two mem-  
bers of the Class.
- The Scholarship of the Class-of-1844 Fund**, \$500, established by three  
members of the Class.

Thirty scholarship funds of \$1000 each, as follows:—

- The Levi Russell Scholarship Fund**, established by Levi Russell of Had-  
ley.
- The Tuttle Scholarship Fund**, the bequest of Mrs. Sarah Tuttle of Way-  
land.
- The George Cook Scholarship Fund**, established by George Cook of Keene,  
New Hampshire, of the Class of 1841.
- The Enos Dickinson Scholarship Fund**, established by Enos Dickinson of  
Amherst.

**The John C. Newton Scholarship Fund**, established by John C. Newton of Worcester.

**The James H. Newton Scholarship Fund**, established by James H. Newton of Holyoke.

**The Johnson Scholarship of the Class-of-1823 Fund**, established by A. J. Johnson of New York City.

**The Southworth Scholarship of the Class-of-1822 Fund**, established by Wells Southworth of New Haven, Connecticut.

**The Joseph Carew Scholarship Fund**, established by Joseph Carew of South Hadley.

**The Gregory Scholarship of the Class-of-1850 Fund**, established by James J. H. Gregory of Marblehead.

**The Dolly Coleman Blake Scholarship Fund**, the bequest of Dolly Coleman Blake of Boston.

**The Miller Scholarship Fund**, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller, of the Class of 1869.

**The Green Scholarship Fund**, the bequest of Rev. Henry Solomon Green of Andover, of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

**The Thomas Hale Scholarship Fund**, established by Mrs. Alice T. March of Newburyport.

**The Mary W. Hyde Scholarship Fund**, the bequest of Mary W. Hyde of Boston.

**The Sarah B. Hyde Scholarship Fund**, the bequest of Sarah B. Hyde of Boston.

**The W. S. Tyler of the Class-of-1830 Fund**, the bequest of Professor William Seymour Tyler of Amherst.

**The Class Scholarship Funds**, established by and bearing the names, respectively, of

The Class of 1831

The Class of 1852

The Class of 1858

The Class of 1839

The Class of 1855

The Class of 1861

The Class of 1845

The Class of 1856

The Class of 1865

The Class of 1849

The Class of 1857

The Class of 1869

**The Composite Scholarship Fund**, established jointly by the following Classes :—

The Class of 1829

The Class of 1838

The Class of 1867

The Class of 1835

The Class of 1866

The Class of 1870

Scholarship funds yielding the following amounts annually :—

**The Moore Scholarships**, three of \$140 each, established by Rev. Zephaniah Swift Moore, D.D., first President of the College.

**The State Scholarships**, three of \$110 each, covering full tuition.

**The Adams Scholarships**, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

Also the following scholarships maintained by annual gifts :—

**The Sayles Scholarship**, \$100, given by Fred Thomas Sayles of the Class of 1881.

**The A. Lyman Williston Scholarship**, \$50, given by A. Lyman Williston of Northampton.

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## Student Loan Fund

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THROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship, not preparing for the ministry, and whose habits of expenditure are economical.

## Publications

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THE annual catalogue is issued in December and is sent to all the alumni of the college, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of all alumni, indicating degrees received and positions held is issued once in five years.

A weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs is issued by an editorial board of students.

*The Literary Monthly*, conducted by students, contains essays, poems, stories and book notices.

*The Olio*, published annually by the Junior class contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the college.

# Alumni Associations

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## The General Association

*(Annual Meeting on Commencement Day)*

*President :* MARQUIS F. DICKINSON, Esq.

*Vice-Presidents :*

Rt. Rev. FREDERIC D. HUNTINGTON, D.D.

Hon. WILLIAM T. JEROME

Rev. LUCIUS R. EASTMAN, D.D.

WILLIAM R. MEAD, LL.D.

Rev. HOWARD S. BLISS, D.D.

Professor JOHN M. TYLER

*Secretary and Treasurer :*

Professor DAVID P. TODD, Amherst

## Executive Committee of the Alumni

Rev. GEORGE E. FISHER, '46

Dr. EDWARD HITCHCOCK, '49

Dr. JOSEPH W. FAIRBANKS, '66

Rev. ROBERT M. WOODS, '69

HENRY P. FIELD, Esq., '80

Rev. ROLAND C. SMITH, '82

Mr. WILLIAM E. PARKER, '84

Professor JOSEPH O. THOMPSON, '84

Mr. ARTHUR C. JAMES, '89

## The Association of Boston and Vicinity

*President :* Mr. OLIVER B. MERRILL

*Secretary :* Mr. ROBERT B. METCALF, 93 Summer St.

## The Amherst Association of New York

*President :* WILLIAM R. MEAD, LL.D.

*Secretary :* GROSVENOR H. BACKUS, Esq., 32 Liberty St., New York

**The Association of Lowell**

*President :* Rev. JOHN M. GREENE, D.D.

*Secretary :* Mr. CHARLES W. MOREY, 14 Belmont St.

**The Association of Central Massachusetts**

*President :* HENRY S. KNIGHT, M.D.

*Secretary :* WALTER C. SEELYE, M.D., 49 Pearl St., Worcester

**The Association of Ohio**

*President :* Rev. FRANCIS E. MARSTEN, D.D.

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---

### RAILROAD CONNECTIONS

The Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

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# Amherst College

## Catalogue

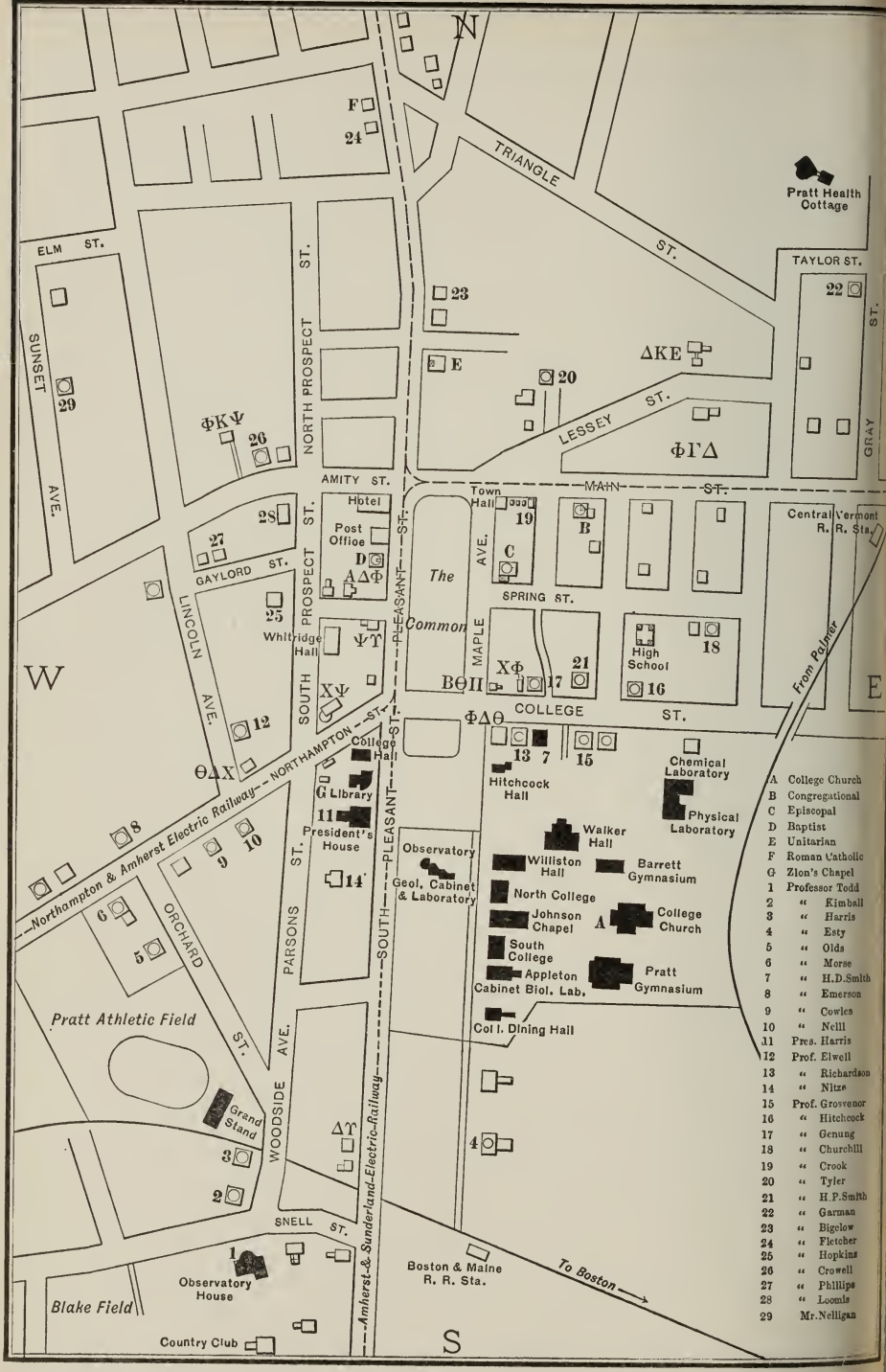
1903—1904







*AMHERST COLLEGE CATALOGUE*



- A College Church
- B Congregational
- C Episcopal
- D Baptist
- E Unitarian
- F Roman Catholic
- G Zion's Chapel
- 1 Professor Todd
- 2 " Kimball
- 3 " Harris
- 4 " Esty
- 5 " Olds
- 6 " Morse
- 7 " H.D. Smith
- 8 " Emerson
- 9 " Cowles
- 10 " Nell
- 11 Pres. Harris
- 12 Prof. Elwell
- 13 " Richardson
- 14 " Nitze
- 15 Prof. Grosvenor
- 16 " Hitchcock
- 17 " Genung
- 18 " Churchill
- 19 " Crook
- 20 " Tyler
- 21 " H.P. Smith
- 22 " Garman
- 23 " Bigelow
- 24 " Fletcher
- 25 " Hopkins
- 26 " Crowl
- 27 " Phillips
- 28 " Loomis
- 29 Mr. Nelligan

# Amherst College Catalogue

For the Year  
1903—1904



Amherst ✻ Massachusetts  
Published by the College

1903

## JULY

S	M	T	W	T	F	S
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## SEPTEMBER

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1904

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## FEBRUARY

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## OCTOBER

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## NOVEMBER

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## DECEMBER

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1905

## JANUARY

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## FEBRUARY

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## MARCH

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## APRIL

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## JUNE

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# College Calendar

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1903

September	21-24,	Examinations for admission,	Monday to Thursday
September	24,	<b>Beginning of the College Year,</b>	11.30 A.M., Thursday
October	3,	Porter Prize Entrance Examinations begin,	Saturday
October	8,	Mountain Day, a holiday,	Thursday
November	25-27,	Thanksgiving Recess,	Wednesday to Friday
December	22,	<b>Christmas Recess begins,</b>	5 P.M., Tuesday

1904

January	7,	<b>Christmas Recess ends,</b>	8.30 A.M., Thursday
February	4-10,	Semi-Annual Examinations,	Thursday to Wednesday
February	10,	First Half-Year ends,	Wednesday

---

February	11,	Second Half-Year begins,	Thursday
February	14,	Day of Prayer for Colleges,	Sunday
February	22,	Washington's Birthday, a holiday,	Monday
March	16,	Ladd and Leland Gymnastic Exhibition,	Wednesday
March	31,	<b>Easter Recess begins,</b>	5 P.M., Thursday
April	14,	<b>Easter Recess ends,</b>	8.30 A.M., Thursday
May	30,	Memorial Day, a holiday,	Monday
June	13-18,	Senior Examinations,	Monday to Saturday
June	20-25,	Semi-Annual Examinations,	Monday to Saturday
June	21-24,	Examinations for Admission,	Tuesday to Friday
June	26,	Baccalaureate Sermon,	Sunday
June	27,	Hardy Prize Debate,	Monday afternoon
June	27,	Kellogg Prize Declamation,	Monday evening
June	28,	Class Day,	Tuesday
June	28,	Hyde Prize Exhibition in Oratory,	Tuesday evening
June	29,	Commencement Exercises,	Wednesday forenoon
June	29,	Alumni Dinner,	Wednesday afternoon
June	29,	President's Reception,	Wednesday evening

## SUMMER VACATION OF TWELVE WEEKS

September	19-22,	Examinations for Admission,	Monday to Thursday
September	22,	<b>Beginning of the College Year,</b>	11.30 A.M., Thursday

## Organization

---

AMHERST COLLEGE was opened 19th September 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received 21st February 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforward be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed and approved by the Governor 28th April 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is The Trustees of Amherst College.

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

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*President of the College*

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Rev. JAMES W. BIXLER, M.A. . . . .	New London, Conn.

---

WALTER M. HOWLAND, M.A., *Commissioner*

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---

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*President of the College*<sup>1</sup>

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*Moore Professor of the Latin Language and Literature*

EDWARD HITCHCOCK, M.D., LL.D.

*Parmly Billings Professor of Hygiene and Physical Education,  
and Dean of the Faculty*

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*Walker Professor of Mathematics and Astronomy*

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*Professor of Chemistry*

BENJAMIN KENDALL EMERSON, PH.D.

*Hitchcock Professor of Mineralogy and Geology*

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*Professor Emeritus of English Literature*

ANSON DANIEL MORSE, LL.D.<sup>2</sup>

*Winkley Professor of History*

HENRY BULLARD RICHARDSON, M.A.

*Professor of the German Language and Literature*

<sup>1</sup> On the Chester W. Chapin endowment

<sup>2</sup> Absent on leave

JOHN MASON TYLER, PH.D.

*Stone Professor of Biology*

CHARLES EDWARD GARMAN, D.D.<sup>1</sup>

*Professor of Mental and Moral Philosophy*

DAVID TODD, PH.D.

*Professor of Astronomy and Navigation,<sup>2</sup> Director of the  
Observatory, and Secretary of the Faculty*

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*Professor of Rhetoric*

WILLIAM LYMAN COWLES, M.A.

*Professor of Latin*

ARTHUR LALANNE KIMBALL, PH.D.

*Professor of Physics*

GEORGE DANIEL OLDS, M.A.

*Professor of Mathematics*

REV. EDWIN AUGUSTUS GROSVENOR, LL.D.

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*Samuel Green Professor of Biblical History and Interpretation  
and Associate Pastor of the College Church*

HARRY DEFOREST SMITH, M.A.

*Professor of Greek*

LEVI HENRY ELWELL, M.A.

*Associate Professor of Greek, and Instructor in Sanskrit*

<sup>1</sup> Absent on leave

<sup>2</sup> On the Sidney Dillon Fund endowment

---

## Faculty

---

I I

GEORGE BOSWORTH CHURCHILL, PH.D.

*Associate Professor of English Literature*

JOSEPH OSGOOD THOMPSON, PH.D.

*Associate Professor of Physics*

ARTHUR JOHN HOPKINS, PH.D.

*Associate Professor of Chemistry*

JAMES WALTER CROOK, PH.D.

*Associate Professor of Political Economy*

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*Associate Professor of Hygiene and Physical Education*

WILLIAM PINGRY BIGELOW, M.A.

*Associate Professor of German and Music*

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*Associate Professor of the Romance Languages*

RICHARD FRANCIS NELLIGAN

*Instructor in Gymnastics and Athletics*

HERBERT PERCIVAL GALLINGER, PH.D.

*Instructor in History*

FREDERIC BREWSTER LOOMIS, PH.D.

*Instructor in Biology*

ARTHUR HENRY BAXTER, PH.D.

*Instructor in the Romance Languages*

ERNEST HATCH WILKINS, M.A.

*Instructor in the Romance Languages and Latin*

WILLIAM JESSE NEWLIN, M.A., M.E.

*Walker Instructor in Mathematics*

CURTIS HOWE WALKER, M.A.

*Instructor in History*

ARTHUR HENRY PIERCE, PH.D.<sup>1</sup>

*Instructor in Philosophy*

ROBERT MACFARLANE CHAPIN, B.A.

*Instructor in Chemistry*

JOHN ERSKINE, PH.D.

*Instructor in English*

JOHN CORSA, B.A.

*Instructor in Logic and Public Speaking*

FRANK OTIS REED, B.A.

*Lecturer on the Rufus B. Kellogg University Fellowship*

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WILLIAM ISAAC FLETCHER, M.A.

*Otis Librarian*

ALFRED SHEPARD GOODALE, B.A.

*Registrar*

HARRY WELTON KIDDER, B.A.

*Assistant to the Treasurer*

<sup>1</sup> Professor of Psychology in Smith College

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**Library :** The PRESIDENT, Professors OLDS, RICHARDSON, TYLER, COWLES, KIMBALL, H. DEF. SMITH, the TREASURER.

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# College Preachers

1902-1903

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Mr. ROBERT E. SPEER . . . . .	New York, N. Y.
HAMILTON W. MABIE, LL.D. . . . .	New York, N. Y.
Rev. LEIGHTON W. PARKS, D.D. . . . .	Boston, Mass.
Rev. HENRY E. COBB, D.D. . . . .	New York, N. Y.
Rev. W. G. PUDDEFOOT . . . . .	So. Framingham, Mass.
Dean W. L. ROBBINS, D.D. . . . .	Albany, N. Y.
Rev. GEORGE HODGES, D.D. . . . .	Cambridge, Mass.
Rev. J. BALCOM SHAW, D.D. . . . .	New York, N. Y.
Pres. WM. DEW. HYDE, D.D. . . . .	Brunswick, Me.
Rev. ROCKWELL H. POTTER . . . . .	Hartford, Conn.
Prof. WM. D. MCKENZIE, D.D. . . . .	Hartford, Conn.
Rev. A. F. SCHAUFFLER, D.D. . . . .	New York, N. Y.
Rev. S. PARKES CADMAN, D.D. . . . .	Brooklyn, N. Y.
Rev. ALEXANDER MCKENZIE, D.D. . . . .	Cambridge, Mass.
Rev. ALBERT J. LYMAN, D.D. . . . .	Brooklyn, N. Y.
Rev. WM. R. RICHARDS, D.D. . . . .	New York, N. Y.
Rev. S. E. HERRICK, D.D. . . . .	Boston, Mass.
Rev. JOHN T. STONE . . . . .	Baltimore, Md.
Rev. WILLARD SCOTT, D.D. . . . .	Worcester, Mass.
Rev. LYMAN ABBOTT, D.D. . . . .	New York, N. Y.
Rev. L. MASON CLARKE, D.D. . . . .	Brooklyn, N. Y.
Rev. G. GLENN ATKINS . . . . .	Burlington, Vt.
Prof. FRANCIS G. PEABODY, D.D. . . . .	Cambridge, Mass.
Rev. FRANK CRANE . . . . .	Worcester, Mass.
Rev. EDWARD F. SANDERSON . . . . .	Providence, R. I.

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President HARRIS, Professors SMITH and GENUNG

## Fellows

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FRANK OTIS REED, B.A. (1899) . . . . Amherst, Mass.

*Rufus B. Kellogg University Fellow*

ALBERT WILLIAM ATWOOD, B.A. (1903) . . New York, N. Y.

*Roswell Dwight Hitchcock Memorial Fellow in History*

HARRY BLAKE TAPLIN, B.A. (1902) . . . . Boston, Mass.

*South End House Fellow*



## Senior Class

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Adams, Francis, Jr.	<i>Chicago, Ill.</i>	Δ K E House
Allen, Harold Bickford	<i>Sag Harbor, N. Y.</i>	Φ Δ Θ House
Amidon, Ralph C.	<i>Worcester, Mass.</i>	Δ T House
Baker, Robert Horace	<i>Springfield, Mass.</i>	69 S. Pleasant St.
Ballard, Howard Thompson	<i>Hampden, Mass.</i>	B Θ II House
Ballou, Charles Everett	<i>Worcester, Mass.</i>	Φ Γ Δ House
Bartlett, Donald Lord	<i>Poughkeepsie, N. Y.</i>	A Δ Φ House
Beam, Charles Willett	<i>Passaic, N. J.</i>	18 South College
Biram, James Harrington	<i>Sagamore, Mass.</i>	B Θ II House
Bishop, Merrill	<i>New York, N. Y.</i>	A Δ Φ House
Boynton, Daniel Wilcox	<i>Detroit, Mich.</i>	X Φ House
Brown, Charles Hiram, Jr.	<i>Belmont, N. Y.</i>	Θ Δ X House
Brown, Thomas Clachar	<i>Fitchburg, Mass.</i>	8 Woodside Ave.
Burgess, John	<i>Newark, N. Y.</i>	Hunt's Block
Chase, Heman Baker	<i>Hyannis, Mass.</i>	Φ K Ψ House
Clarke, Daniel Benjamin	<i>East Granby, Conn.</i>	Φ K Ψ House
Clark, Vernon Seymour	<i>Binghamton, N. Y.</i>	Φ Δ Θ House
Collins, Louis Martin	<i>Homer, N. Y.</i>	12 S. Prospect St.
Conant, Harrison Josiah	<i>Worcester, Mass.</i>	8 Woodside Ave.
Cope, DeWitt Tilden	<i>Hamilton, Ohio</i>	Φ Γ Δ House
Dodge, Arthur Farwell	<i>Beverly, Mass.</i>	Δ T House
Dow, Fayette Brown	<i>Rochester, N. Y.</i>	A Δ Φ House
Dow, Leland Brown	<i>Rochester, N. Y.</i>	A Δ Φ House
Eastman, Joseph Bartlett	<i>Pottsville, Pa.</i>	Ψ T House
Eaton, Edward Josiah	<i>Sidney, N. Y.</i>	5 Parsons St.
Eveleth, Samuel Chester	<i>Marblehead, Mass.</i>	X Ψ Lodge
Fitts, Charles Tabor	<i>Mansfield, Mass.</i>	Θ Δ X House
Fox, Warren Wyman	<i>Lowell, Mass.</i>	Φ Γ Δ House
Goold, Edgar Hunt	<i>Albany, N. Y.</i>	A Δ Φ House
Gray, Harry Graham	<i>Winchester, Mass.</i>	X Φ House
Hamilton, William Irving	<i>Elizabeth, N. J.</i>	X Φ House
Hartshorne, Isaac	<i>Methuen, Mass.</i>	X Ψ Lodge

Hawkins, Layton S.	<i>Cortland, N. Y.</i>	Δ T House
Hildreth, Robert Dudley	<i>Westfield, Mass.</i>	Prospect House
Howard, Henry Remington	<i>Rochester, N. Y.</i>	A Δ Φ House
Hoyt, George Horatio	<i>Homer, N. Y.</i>	Δ T House
Ide, Ernest Monroe	<i>Dudley, Mass.</i>	Φ K Ψ House
Jones, Sydney Franklyn	<i>Elizabeth, N. J.</i>	Δ K E House
Jones, Walter Elisha	<i>Massillon, Ohio</i>	B Θ Π House
Joost, Sherman Brownell	<i>Brooklyn, N. Y.</i>	Δ K E House
Kane, John Francis	<i>Gardiner, Me.</i>	Θ Δ X House
Keep, Clifford Holcombe	<i>New York, N. Y.</i>	D North College
Kennedy, Ralph Anderson	<i>Providence, R. I.</i>	Φ Δ Θ House
Kershaw, Alfred Blanchard	<i>West Newton, Mass.</i>	Δ K E House
Livingston, Albert Arthur	<i>Attleboro, Mass.</i>	Φ Γ Δ House
Lowe, Joseph Albert	<i>Fitchburg, Mass.</i>	Θ Δ X House
Lund, Harry Gardner	<i>Everett, Mass.</i>	Θ Δ X House
McEvoy, Edward William	<i>North Brookfield, Mass.</i>	6 Lincoln Ave.
Merchant, Ely Othman	<i>Boston, Mass.</i>	Physical Laboratory
Merrill, Stephen Griffin *	<i>Albany, N. Y.</i>	X Ψ Lodge
Miller, Sherman Ralsey, Jr.	<i>Detroit, Mich.</i>	Amherst House
Moore, Heath	<i>Brooklyn, N. Y.</i>	19 Main St.
Morris, Frank Bowen	<i>San Francisco, Cal.</i>	3 South College
Morse, William Northrop	<i>Amherst, Mass.</i>	Δ K E House
Newell, Gordon Gerald	<i>Amherst, Mass.</i>	12 Hunt's Block
O'Donnell, James Herlihy	<i>Holyoke, Mass.</i>	Φ Δ Θ House
Owens, Walter Scott	<i>West Winfield, N. Y.</i>	1 South College
Packard, Harrison Lloyd	<i>Bridgewater, Mass.</i>	8 Woodside Ave.
Paine, John Colwell	<i>Chicago, Ill.</i>	B Θ Π House
Palmer, Percival Bowditch, Jr.	<i>Chicago, Ill.</i>	Ψ T House
Perry, Charles Francis	<i>Brockport, N. Y.</i>	Φ Γ Δ House
Pond, George Kimball	<i>Greenfield, Mass.</i>	Φ K Ψ House
Porter, Chester Arnold	<i>Elizabeth, N. J.</i>	X Φ House
Pratt, Alvord	<i>Elmira, N. Y.</i>	A Δ Φ House
Raub, Joseph Martin, Jr.	<i>Brooklyn, N. Y.</i>	B Θ Π House
Ray, Richard Johnson	<i>Lacrosse, Wis.</i>	5 Parsons St.
Richardson, Henry Stephen	<i>Amherst, Mass.</i>	3 College St.
Roberts, John Willard	<i>Hartford, Conn.</i>	Φ Δ Θ House
Roe, Alfred Isaac	<i>Brockton, Mass.</i>	B Φ Π House
Rooney, Francis James	<i>Worcester, Mass.</i>	Δ T House
Salyer, Sandford Meddick	<i>Dunkirk, N. Y.</i>	Φ Γ Δ House

Sanders, Clayton Rowley	<i>South Cortland, N. Y.</i>	12 South College
Savage, Austin Anthony	<i>Amherst, Mass.</i>	Φ Γ Δ House
Shay, John Burke	<i>Dalton, Mass.</i>	Hunt's Block
Smith, Gordon Cyril	<i>Webster, S. Dak.</i>	Θ Δ X House
Storke, Paul Davie	<i>Auburn, N. Y.</i>	Ψ T House
Stowell, Raymond Henry	<i>Amherst, Mass.</i>	193 S. Pleasant St.
Sturgis, Fred Eugene, Jr.	<i>Natick, Mass.</i>	Δ K E House
Taylor, Harry Edwin	<i>Elizabeth, N. J.</i>	X Φ House
Thompson, Fred Loring	<i>West Newton, Mass.</i>	Θ Δ X House
Thompson, Karl Owen	<i>Springfield, Mass.</i>	Library
Turner, Paul Akers	<i>Portland, Me.</i>	Φ Δ Θ House
Vosburgh, William Ledley	<i>Canajoharie, N. Y.</i>	Φ Γ Δ House
Wakefield, Ernest Timothy	<i>Reading, Mass.</i>	12 S. Prospect St.
Wheeler, Frank Edward	<i>Athol, Mass.</i>	Φ Δ Θ House
Whitcomb, Ernest Miller	<i>Worcester, Mass.</i>	Ψ T House
Whitmore, Francis Epaphroditus	<i>Greene, N. Y.</i>	Δ T House

## Junior Class

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Alpers, Ernest	<i>Westfield, N. J.</i>	X Φ House
Anderson, John Garfield	<i>Cambridge, Mass.</i>	18 South College
Baily, Edward Ayres	<i>Brooklyn, N. Y.</i>	B Θ II House
Baldwin, Fritz Walter, Jr.	<i>West Orange, N. J.</i>	A Δ Φ House
Benedict, William Raiguel	<i>Tombstone, Ariz.</i>	Δ T House
Bennett, Charles Ernest	<i>Ludlow, Mass.</i>	28 Amity St.
Bixby, Sidney Tuttle	<i>St. Louis, Mo.</i>	Ψ T House
Blyth, Charles Reginald	<i>Ashtabula, Ohio.</i>	Ψ T House
Bond, Joseph Waldo	<i>Waltham, Mass.</i>	X Ψ Lodge
Bostwick, Curtis James	<i>Owego, N. Y.</i>	12 Spring St.
Bottomly, Robert James	<i>Worcester, Mass.</i>	Φ Δ Θ House
Boynton, George Holmes	<i>Newton Center, Mass.</i>	Ψ T House
Broder, Edward William	<i>Rockville, Conn.</i>	B Θ II House
Brown, George Alfred	<i>New Salem, Mass.</i>	Gymnasium
Clark, John Maurice	<i>New York, N. Y.</i>	Δ K E House
Coggeshall, Harold Frederic	<i>Waterville, N. Y.</i>	A Δ Φ House
Crawford, William	<i>Holyoke, Mass.</i>	12 S. Prospect St.
Crossett, Edward Clark	<i>Davenport, Ia.</i>	Δ K E House
Crowell, Joseph Dexter	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Cruikshank, Dwight Phelps	<i>Montclair, N. J.</i>	Ψ T House
Daniels, Henry Elkins	<i>Chicago, Ill.</i>	Ψ T House
Derbyshire, Arthur James	<i>Lawrence, Mass.</i>	Δ T House
Diehl, Leonard George	<i>Natick, Mass.</i>	Θ Δ X House
Dyer, Brainerd	<i>Portland, Me.</i>	12 North College
Edgecomb, Ralph Waldo Emerson	<i>Worcester, Mass.</i>	Φ K Ψ House
Ellis, George William	<i>Monson, Mass.</i>	A Δ Φ House
Freeman, Ralph	<i>Blodgett Mills, N. Y.</i>	8 Lessey St.
French, Lawrence Elwell	<i>Amherst, Mass.</i>	25 Sunset Ave.
Fuess, Claude Moore	<i>Waterville, N. Y.</i>	A Δ Φ House
Gardner, Edward Hall	<i>Chatham, N. J.</i>	Δ T House
Gaylord, Emerson George	<i>Chicopee, Mass.</i>	B Θ II House
Gilbert, James LeRoy	<i>West Brookfield, Mass.</i>	Φ K Ψ House

Green, George Henry Bartlett, Jr.	<i>Belchertown, Mass.</i>	19 Main St.
Greenaway, David Emerson	<i>Indian Orchard, Mass.</i>	Gymnasium
Grover, Harry Greenwood	<i>Halifax, Mass.</i>	44 Pleasant St.
Hale, Frary, Jr.	<i>Wallingford, Conn.</i>	Θ Δ X House
Hartgrove, Robert Sinclair	<i>Washington, D. C.</i>	Triangle St.
Hayden, Frank Strong	<i>Wyoming, N. Y.</i>	21 Woodside Ave.
Hewitt, Ralph Halladay	<i>New London, Conn.</i>	Φ K Ψ House
Holmes, Vancleve W.	<i>Lima, Ohio.</i>	Φ Δ Θ House
Hopkins, Charles Thomas	<i>Brooklyn, N. Y.</i>	8 Lessey St.
Hutchings, William Thomas	<i>West Danby, N. Y.</i>	Φ K Ψ House
Judge, Francis Henry	<i>Worcester, Mass.</i>	32 South College
Kelliher, Jeremiah Henry	<i>North Brookfield, Mass.</i>	7 Hunt's Block
Kern, John Frank	<i>Dunkirk, N. Y.</i>	Φ Γ Δ House
Knapp, Walter Chandler	<i>Canandaigua, N. Y.</i>	X Φ House
Kneeland, Robert Shepherd	<i>Northampton, Mass.</i>	B Θ Φ House
Lane, Robert Ripley	<i>Springfield, Mass.</i>	X Φ House
Lewis, Clifford Benson	<i>West Somerville, Mass.</i>	Δ T House
Lynch, Maurice Alphonse	<i>South Hadley Falls, Mass.</i>	Nash's Block
McIntosh, Kenneth Chafee	<i>Valparaiso, Chile, S. A.</i>	Δ K E House
McPhee, James, Jr.	<i>Newton, Mass.</i>	Φ Γ Δ House
McTernan, Charles Clair	<i>Foxboro, Mass.</i>	5 School St.
Marsh, Stephen Victor	<i>Corning, N. Y.</i>	5 School St.
Nash, Alexander Symonds	<i>Chicopee, Mass.</i>	Θ Δ X House
Neill, Mather Humphrey	<i>Amherst, Mass.</i>	18 Northampton Road
Nickerson, Francis Chester	<i>Upper Troy, N. Y.</i>	12 S. Prospect St.
Noble, Albert Frank	<i>Somerville, Mass.</i>	Δ T House
Norton, Paul Willard	<i>Woburn, Mass.</i>	Δ T House
O'Brien, John Bayley	<i>Brooklyn, N. Y.</i>	15 North College
Odell, Henry Lefavour	<i>Beverly, Mass.</i>	X Φ House
Orrell, Ephriam English, Jr.	<i>Ware, Mass.</i>	Θ Δ X House
Ottley, William Vrooman	<i>Geneva, N. Y.</i>	X T Lodge
Palmer, Walter Walker	<i>Southfield, Mass.</i>	Θ Δ X House
Parsons, Chauncey Lyman	<i>Northampton, Mass.</i>	5 School St.
Patch, Ralph Shattuck	<i>Brattleboro, Vt.</i>	Φ K Ψ House
Peabody, Charles Irving	<i>Danvers, Mass.</i>	Φ Δ Θ House
Pease, Robert Webster	<i>Conway, Mass.</i>	27 N. Prospect St.
Pierce, Franklin Edwin	<i>De Ruyter, N. Y.</i>	2 S. Pleasant St.
Raftery, John Joseph	<i>Worcester, Mass.</i>	Nash's Block
Rathbun, William Tompkins	<i>Elmira, N. Y.</i>	A Δ Φ House
Roberts, Alfred Edward	<i>Greene, N. Y.</i>	Δ T House

# Junior Class

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Rollins, Ralph Eugene	<i>Des Moines, Ia.</i>	X Ψ Lodge
Rounseville, Wilfred Ellsworth	<i>Attleboro, Mass.</i>	Φ Δ Θ House
Ryan, Elmer Ellsworth	<i>Apalachin, N. Y.</i>	Φ K Ψ House
Schwab, George	<i>Clinton, Mass.</i>	5 School St
Smith, Philip Mack	<i>Amherst, Mass.</i>	25 College St
Smith, Verne Waldo	<i>Amsterdam, N. Y.</i>	Φ Δ Θ House
Spaulding, Walter Virgil	<i>Worcester, Mass.</i>	Φ K Ψ House
Squire, Roger Nelson	<i>New York, N. Y.</i>	Θ Δ X House
Stone, Clarence Nelson	<i>Fryeburg, Me.</i>	Θ Δ X House
Sturgis, Ashley Barnes	<i>Natick, Mass.</i>	Δ K E House
Taylor, John Adams	<i>Westford, Mass.</i>	Φ K Ψ House
Thomas, Charles Frank	<i>Union City, Pa.</i>	2 S. Pleasant St.
Townsend, Winfield Alonzo	<i>Batavia, N. Y.</i>	Θ Δ X House
Utter, George Benjamin	<i>Westerly, R. I.</i>	Δ K E House
van Etten, Edwin Hill	<i>Rhinebeck, N. Y.</i>	A Δ Φ House
Warren, Henry Edward	<i>Newton Highlands, Mass.</i>	Θ Δ X House
Weed, Hugh Hourston Craigie	<i>Stamford, Conn.</i>	Ψ T House
Westphal, Alfred Frederick	<i>Michigan City, Ind.</i>	College Library
Whitney, Stanley Nathan	<i>Westminster, Mass.</i>	Θ Δ X House
Wing, Richard Deland	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Woods, Josiah Bridges	<i>Hatfield, Mass.</i>	Ψ T House

# Sophomore Class

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Alden, Lester Fayette	<i>Amherst, Mass.</i>	22 Belchertown Road
Atwood, Roy Lees	<i>Newton Highlands, Mass.</i>	11 Nash's Block
Bailey, George William	<i>Springfield, Mass.</i>	B Θ Π House
Bale, Frederick Sewall	<i>Asbury Park, N. J.</i>	8 Nash's Block
Behrends, Frederick Rouse	<i>Shelter Island Heights, N. Y.</i>	Ψ Τ House
Bishop, Clifford Monroe	<i>Brooklyn, N. Y.</i>	Ψ Τ House
Blatchford, Nathaniel Hopkins, Jr.	<i>Chicago, Ill.</i>	A Δ Φ House
Boyden, Ralph Howard	<i>Foxboro, Mass.</i>	Φ Κ Ψ House
Brewster, Kingman	<i>Worthington, Mass.</i>	A Δ Φ House
Bridgman, Philip Ashley	<i>Belchertown, Mass.</i>	Δ Τ House
Browne, Edward Kendall	<i>Auburndale, Mass.</i>	Φ Κ Ψ House
Bulson, Glenn Allen	<i>Jackson, Mich.</i>	B Θ Π House
Burrill, Edgar White	<i>North Brookfield, Mass.</i>	Φ Δ Θ House
Butler, Norman Franklyn	<i>Lenox, Mass.</i>	X Ψ Lodge
Clough, Harvey Burnett	<i>Tolland, Conn.</i>	14 Maple Ave.
Cook, Philip Remington	<i>North Attleboro, Mass.</i>	B Θ Π House
Crawford, Harry Colvin	<i>Worcester, Mass.</i>	6 Lincoln Ave.
Crook, Francis Delbert	<i>Amherst, Mass.</i>	1 College Ave.
Curran, John Joseph	<i>Holyoke, Mass.</i>	3 North College
Daskam, Benjamin James	<i>Stamford, Conn.</i>	X Ψ Lodge
Davenport, William Rufus	<i>Taunton, Mass.</i>	A Δ Φ House
Delabarre, Everett Merrill	<i>Conway, Mass.</i>	A Δ Φ House
Denio, Fayette Winchester	<i>Springfield, Mass.</i>	B, Θ Π House
Dillon, Augustus Ignatius	<i>Cortland, N. Y.</i>	7 Nash's Block
Dodge, Everett Francis	<i>Beverly, Mass.</i>	Δ Τ House
Downey, Walter Francis	<i>North Brookfield, Mass.</i>	Φ Δ Θ House
Downing, George Bradley	<i>Holyoke, Mass.</i>	13 S. Prospect St.
Draper, Ernest Gallaudet	<i>Washington, D. C.</i>	A Δ Φ House
Draper, Warren Fales	<i>Newton Highlands, Mass.</i>	Nash's Block
Ely, Richard Grenville	<i>Frederick, Md.</i>	1 College Ave.
Ely, William Ezra	<i>Washington, D. C.</i>	3 North College
Field, Leonard Dudley	<i>Binghamton, N. Y.</i>	Φ Κ Ψ House
Forbes, William Trowbridge Merrifield	<i>Worcester, Mass.</i>	Φ Ι Δ House



Foster, Norman Percy	<i>Washington, D. C.</i>	27 South College
Fox, George Henry	<i>Battle Creek, Mich.</i>	A Δ Φ House
Gaunt, Ernest Henry	<i>Methuen, Mass.</i>	X Ψ Lodge
Gilmore, Arthur Harold	<i>Attleboro, Mass.</i>	Φ Δ Θ House
Glasgow, Edgar Wilson	<i>Jackson, Mich.</i>	Δ T House
Hale, Arthur Waidron	<i>Hudson, Mass.</i>	19 South College
Hale, William, Jr.	<i>Gananoque, Can.</i>	Φ Γ Δ House
Hall, Clifton Rumery	<i>Danvers, Mass.</i>	Δ T House
Hamilton, James Shelley	<i>Millers Falls, Mass.</i>	X Φ House
Harris, George, Jr.	<i>Amherst, Mass.</i>	A Δ Φ House
Hildreth, Ellison Story	<i>Holyoke, Mass.</i>	3 Northampton Road
Hilliard, John Samuel	<i>Dunkirk, N. Y.</i>	Φ Γ Δ House
Hilts, Arthur Kinne	<i>Oneida, N. Y.</i>	Δ K E House
Hitt, Rollin West	<i>Mittineague, Mass.</i>	Φ Γ Δ House
Hollender, Carl Edwin	<i>Brattleboro, Vt.</i>	Δ K E House
Holt, Frank Everett	<i>Temple, N. H.</i>	1 College Ave.
Hooker, Charles Worcester	<i>Amherst, Mass.</i>	5 North East St.
Howe, Gordon Milne	<i>Brooklyn, N. Y.</i>	Δ T House
Howes, Howard Willcutt	<i>Swift River, Mass.</i>	Φ K Ψ House
Hubbard, Walter Palmer	<i>Concord, Mass.</i>	Δ K E House
Kane, Maurice Joseph	<i>Gardiner, Me.</i>	6 Lincoln Ave.
Knapp, Robert Cole	<i>Canandaigua, N. Y.</i>	X Φ House
Krom, George Sharpe	<i>High Falls, N. Y.</i>	9 Hunt's Block
Lattimer, Gardner	<i>Columbus, O.</i>	X Ψ Lodge
Lidell, Burton William	<i>Oneonta, N. Y.</i>	Δ K E House
Lockhart, George Coors	<i>Colorado Springs, Colo.</i>	Ψ T House
Love, Lacy Marion	<i>St. Louis, Mo.</i>	Amherst House
Lowe, Guy Russell	<i>Fitchburg, Mass.</i>	Θ Δ X House
McRae, Edson Alexander	<i>Mansfield, Mass.</i>	Φ Δ Θ House
Matteson, Benjamin Howard	<i>Oneonta, N. Y.</i>	Δ K E House
Mattingly, Robert Nicholas	<i>Washington, D. C.</i>	7 South College
Mellen, Albert Henry	<i>Newton Highlands, Mass.</i>	Nash's Block
Newton, Howard Augustine	<i>Winchester, Mass.</i>	3 Northampton Road
Norris, Walter John	<i>Southampton, Mass.</i>	2 S. Pleasant St.
Norton, George Edward	<i>Hallowell, Me.</i>	Δ K E House
Patterson, Shirley Gale	<i>Hartford, Conn.</i>	17 N. Pleasant St.
Peacock, Reuben Jeffrey	<i>Brooklyn, N. Y.</i>	B Θ II House
Pethybridge, Charles Edward	<i>Fitchburg, Mass.</i>	Δ T House
Porter, George William	<i>Agawam, Mass.</i>	Φ Γ Δ House
Powell, Robert Carlisle	<i>Poughkeepsie, N. Y.</i>	Φ Δ Θ II House



Priddy, Vern Emery	<i>Findlay, O.</i>	X Φ House
Pugsley, Reginald Martin	<i>Olean, N. Y.</i>	Nash's Block
Rand, Sumner Goldthwait	<i>Providence, R. I.</i>	15 Nash's Block
Richenaker, George Henry	<i>Brockport, N. Y.</i>	Φ Γ Δ House
Roberts, James Walker	<i>Hartford, Conn.</i>	Φ Δ Θ House
Ross, Douglas M'Allister	<i>Syracuse, N. Y.</i>	8 Lessey St.
Scott, Arthur Wayne	<i>Brattleboro, Vt.</i>	5 Nash's Block
Scudder, Elisha Gage, Jr.	<i>St. Louis, Mo.</i>	14 Nash's Block
Semple, Gilbert Elliot	<i>St. Louis, Mo.</i>	Nash's Block
Shannon, Alonzo Henry	<i>Worcester, Mass.</i>	41 Northampton Road
Simonson, Devore Nevius	<i>Port Byron, Ill.</i>	Δ K E House
Snyder, Morton Ives	<i>Amherst, Mass.</i>	31 Amity St.
Sparrow, Carl Atsatt	<i>New Bedford, Mass.</i>	Φ Γ Δ House
Spear, Clarence Adams	<i>Brooklyn, N. Y.</i>	3 Northampton Road
Stebbins, Howard Leslie	<i>Springfield, Mass.</i>	12 Lessey St.
Stevens, Wilbert Alexander	<i>Chester, N. S.</i>	2 S. Pleasant St.
Storke, Alan Marshall	<i>Auburn, N. Y.</i>	Ψ T House
Thayer, Frederick Giles	<i>Wollaston, Mass.</i>	Δ T House
Twitchell, Edmund Warner	<i>Lockport, N. Y.</i>	X Ψ Lodge
Tyler, Mason Whiting	<i>Amherst, Mass.</i>	8 Tyler Place
Utter, Henry Edwin	<i>Westerly, R. I.</i>	Δ K E House
van Etten, Royal Cornelius	<i>Rhinebeck, N. Y.</i>	A Δ Φ House
Vinal, Charles Albert	<i>Newton Centre, Mass.</i>	X Φ House
Ward, Mark Hopkins	<i>Amherst, Mass.</i>	33 Northampton Road
Ward, William Earl Dodge	<i>Amherst, Mass.</i>	33 Northampton Road
Webster, William Harvey	<i>Truxton, N. Y.</i>	A Δ Φ House
Wheeler, Ralph Waldo	<i>Cortland, N. Y.</i>	7 Nash's Block
Williams, Elijah Roberts	<i>Geneva, N. Y.</i>	15 Nash's Block
Wing, Newton Cordis	<i>Palmer, Mass.</i>	B Θ Π House
Wood, George Arthur	<i>Southampton, Mass.</i>	2 S. Pleasant St.
Wood, George Ernest	<i>Ellington, Conn.</i>	Φ Γ Δ House
Worcester, James Newbegin	<i>Bloomfield, N. J.</i>	Φ Δ Θ House
Wright, Edwin Arthur	<i>Somerville, Mass.</i>	Δ T House

# Freshman Class

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Allaben, Max Fenimore	<i>Polo, Ill.</i>	A North College
Allaire, Leonard Curren	<i>Hatfield, Mass.</i>	29 South College
Allchin, Stanley Danforth	<i>Auburndale, Mass.</i>	11 North College
Amsbury, Joseph Henry	<i>Roxbury, Mass.</i>	14 Maple Ave.
Andrews, Chester Huston	<i>East Walpole, Mass.</i>	28 South College
Arnold, Samuel Earl	<i>Brattleboro, Vt.</i>	B North College
Atwood, Felix Ballard	<i>Brooklyn, N. Y.</i>	16 Maple Ave.
Averill, Theodore Burton	<i>Flushing, N. Y.</i>	22 North College
Bardwell, Arthur Curtis	<i>Hatfield, Mass.</i>	30 North College
Barlow, Harry Edward	<i>Amherst, Mass.</i>	133 Main St.
Bartlett, Alfred Lewis	<i>Brooklyn, N. Y.</i>	5 South College
Beach, Harry Teachout	<i>Burlington, Vt.</i>	31 South College
Beecher, Daniel	<i>Prescott, Mass.</i>	17 South Prospect St.
Bell, Roy Whiting	<i>Albany, N. Y.</i>	8 Woodside Ave.
Billings, Roswell Graves	<i>Hatfield, Mass.</i>	A South College
Blanchard, Henry Franklin	<i>Worcester, Mass.</i>	21 North College
Blanchard, Sidney Cutting	<i>Winchester, Mass.</i>	22 South College
Boudway, Frank William	<i>Northampton, Mass.</i>	
Boynton, Edward Chadbourne	<i>Detroit, Mich.</i>	9 South College
Brennan, Horace Francis	<i>Providence, R. I.</i>	12 Spring St.
Brown, Harold Stuart	<i>Belmont, N. Y.</i>	16 North College
Carleton, Francis Dudley	<i>Yonkers, N. Y.</i>	B South College
Carpenter, Robert Ira	<i>Cortland, N. Y.</i>	C South College
Carter, Joseph Coleman	<i>Chicago, Ill.</i>	21 South College
Cary, George Emerson	<i>Kyoto, Japan</i>	11 North College
Chapin, Warren Storrs	<i>Hartford, Conn.</i>	Prospect House
Chestnut, James LeCount	<i>Washington, D. C.</i>	15 South College
Christensen, Frank Paul	<i>Worcester, Mass.</i>	1 Woodside Ave.
Comins, Harold Harvey	<i>Stafford Springs, Conn.</i>	12 Maple Ave.
Conkling, Roscoe Seely	<i>Newburgh, N. Y.</i>	14 South College
Conley, William Edward	<i>Brooklyn, N. Y.</i>	29 North College
Connell, James Carl	<i>Baldwinsville, N. Y.</i>	12 Spring St.
Crowe, John Simpson	<i>Holyoke, Mass.</i>	12 S. Prospect St.

Cumming, Robert Black	<i>Belchertown, Mass.</i>	6 Northampton Road
Cutting, Charles Carleton	<i>New Haven, Conn.</i>	25 College St.
Danahey, Michael Ignatius	<i>Amherst, Mass.</i>	28 McClellan St.
Deal, Burtiss Edmond	<i>Amsterdam, N. Y.</i>	1 Woodside Ave.
Dennis, Edward Parker	<i>Erie, Pa.</i>	A Δ Φ House
Deroyn, Frank Amad��	<i>Chicopee, Mass.</i>	6 South College
Dickinson, Oliver Andrew	<i>Beloit, Ala.</i>	16 South College
Dorflinger, Charles William	<i>Honesdale, Pa.</i>	12 Spring St.
Durban, Edward Mayburry	<i>Philadelphia, Pa.</i>	X Φ House
Ely, Arthur Edwin	<i>Lee, Mass.</i>	8 Woodside Ave.
Everett, Lewis Winslow	<i>Worcester, Mass.</i>	21 North College
Fletcher, John Lockwood	<i>Amherst, Mass.</i>	54 Pleasant St.
Foster, Clarence Spencer	<i>Hartford, Conn.</i>	Prospect House
Greenaway, George, Jr.	<i>Indian Orchard, Mass.</i>	Gymnasium
Hall, Edward Twichell	<i>Andover, Mass.</i>	23 North College
Hardy, George Elliott	<i>Fitchburg, Mass.</i>	27 South College
Hartshorne, Hugh	<i>Methuen, Mass.</i>	11 South College
Haseltine, William	<i>Bradford, Mass.</i>	1 Woodside Ave.
Hawkes, Walter Ernest	<i>Medway, Mass.</i>	7 Parsons St.
Hay, Harry Robert	<i>Southbridge, Mass.</i>	7 Woodside Ave.
Hood, George Cooper	<i>Corning, N. Y.</i>	5 School St.
Hubbard, John Houghton	<i>Hatfield, Mass.</i>	30 North College
Hunter, John Montgomery	<i>Sunbury, Pa.</i>	8 Woodside Ave.
Irvan, John Lafayette	<i>Hutchinson, Kans.</i>	X Ψ Lodge
Johnson, George Willard	<i>Springfield, Mass.</i>	19 North College
Johnson, Harding, Jr.	<i>Brooklyn, N. Y.</i>	5 South College
Jones, Roland Jewett	<i>St. Louis, Mo.</i>	13 North College
Jones, Wilkins	<i>St. Louis, Mo.</i>	27 North College
Kaine, John Daniel	<i>Brattleboro, Vt.</i>	25 North College
King, Henry Hall	<i>Rutland, Mass.</i>	71 S. Pleasant St.
Kreider, Leslie Eugene	<i>Omaha, Neb.</i>	31 South College
Lamb, Clarence Alvan	<i>Attleboro, Mass.</i>	25 South College
Leighton, Frederick	<i>Methol, N. Y.</i>	17 S. Prospect St.
Lewis, Frank Edward Anthony	<i>Wellesley, Mass.</i>	Gymnasium
Little, William Henry, Jr.	<i>St. Louis, Mo.</i>	10 North College
Locke, Owen Alvin	<i>Northampton, Mass.</i>	28 North College
McChesney, John	<i>Montclair, N. J.</i>	Prospect House
McClellan, John Joseph	<i>Westhaven, Conn.</i>	14 North College
McGlynn, Stephen Arthur	<i>Meriden, Conn.</i>	69 S. Pleasant St.
McNamara, Harry James	<i>Dorchester, Mass.</i>	14 Maple Ave.

Madeaux, Eugene Victor	<i>Torrington, Conn.</i>	2 S. Pleasant St.
Malconian, Malcolm Vartan	<i>Springfield, Mass.</i>	2 S. Pleasant St.
Meyer, Otto Cleveland	<i>Erie, Pa.</i>	A Δ Φ House
Milligan, John Raymond	<i>Palmer, Mass.</i>	25 North College
Monroe, Samuel Frederic	<i>Cos Cob, Conn.</i>	32 North College
More, Enoch Anson	<i>St. Louis, Mo.</i>	14 Nash's Block
Morrissey, Thomas Paul	<i>Springfield, Mass.</i>	5 School St.
Morton, John Jamieson	<i>Holyoke, Mass.</i>	12 S. Prospect St.
Mulvihill, Walter Austin	<i>Brooklyn, N. Y.</i>	17 S. Prospect St.
Nash, Carl Blossom	<i>New York, N. Y.</i>	10 South College
Newell, Duncan Hale	<i>Auburndale, Mass.</i>	16 North College
Noble, Fred Robert	<i>Amherst, Mass.</i>	52 Amity St.
Oberly, John Shimer	<i>Easton, Pa.</i>	8 North College
Osborn, Henry Sanford	<i>Redding Ridge, Conn.</i>	12 Lessey St.
Palmer, Herbert Hall	<i>Braintree, Mass.</i>	20 Woodside Ave.
Pond, Walter Franklin	<i>Greenfield, Mass.</i>	23 North College
Powell, Chilton Latham	<i>Baltimore, Md.</i>	26 South College
Pratt, Elmer Atwin	<i>Housatonic, Mass.</i>	31 North College
Price, Walter Smith	<i>Westerly, R. I.</i>	14 South College
Rand, Albert Edward	<i>Providence, R. I.</i>	3 Northampton Road
Rowe, Harry A.	<i>Amsterdam, N. Y.</i>	8 North College
Rowley, Arthur Merriam	<i>Springfield, Mass.</i>	16 South College
Scott, Robert Henry	<i>Brooklyn, N. Y.</i>	E North College
Seaman, Franklin Townsend	<i>Locust Valley, N. Y.</i>	31 North College
Searle, Charles Putnam	<i>Honesdale, Pa.</i>	12 Spring St.
Sheehan, Daniel Francis	<i>Northampton, Mass.</i>	28 North College
Simpson, Hazen Fancher	<i>Saratoga Springs, N. Y.</i>	23 South College
Slocum, Charles Pulsifer	<i>Newtonville, Mass.</i>	14 South College
Smith, Jesse Datus	<i>Jackson, Mich.</i>	6 North College
Stevens, Clayton Pingree	<i>Northampton, Mass.</i>	26 North College
Stiles, Harry Herbert	<i>Jackson, Mich.</i>	6 North College
Sweeney, William Ellis	<i>Attleboro, Mass.</i>	25 South College
Sweet, Henry Lewis	<i>West Stockbridge, Mass.</i>	14 North College
Swett, Warren Lincoln	<i>Gloucester, Mass.</i>	32 North College
Taylor, Elvin Clement	<i>Springfield, Mass.</i>	22 North College
Tilton, Homer Francis	<i>West Newton, Mass.</i>	16 North College
Titworth, Judson, Jr.	<i>Milwaukee, Wis.</i>	21 South College
Walbridge, Merrell Packard	<i>St. Louis, Mo.</i>	10 South College
Walker, Carl Mortimer	<i>Fitchburg, Mass.</i>	28 South College
Waller, John Mather	<i>New London, Conn.</i>	30 South College

Webb, Paul	<i>New Haven, Conn.</i>	A Δ Φ House
Webster, Eugene Miles	<i>Gloucester, Mass.</i>	13 South College
Welles, Paul	<i>Paris, France</i>	X Ψ Lodge
Whitelaw, Robert Malcolm	<i>St. Louis, Mo.</i>	10 North College
Whitney, Harold Edward	<i>Brattleboro, Vt.</i>	5 Parsons St.
Willard, John Dayton	<i>Amherst, Mass.</i>	31 Lincoln Ave.
Williams, Eugene Flewellyn	<i>St. Louis, Mo.</i>	8 South College
Wright, Edward Nims	<i>Northampton, Mass.</i>	
Wyman, Edmund Allan	<i>St. Louis, Mo.</i>	5 North College

*Summary*

FELLOWS . . . . .	3
SENIORS . . . . .	87
JUNIORS . . . . .	93
SOPHOMORES . . . . .	106
FRESHMEN . . . . .	122
TOTAL . . . . .	411

## CLASSIFICATION BY RESIDENCE

THE UNITED STATES			
Massachusetts . . . . .	192	Arizona . . . . .	1
New York . . . . .	96	Alabama . . . . .	1
Connecticut . . . . .	22	California . . . . .	1
New Jersey . . . . .	12	Colorado . . . . .	1
Missouri . . . . .	12	Indiana . . . . .	1
Pennsylvania . . . . .	9	Kansas . . . . .	1
Illinois . . . . .	8	Nebraska . . . . .	1
Michigan . . . . .	8	New Hampshire . . . . .	1
Rhode Island . . . . .	7	South Dakota . . . . .	1
Vermont . . . . .	7		
District of Columbia . . . . .	6		406
Ohio . . . . .	6	OTHER COUNTRIES	
Maine . . . . .	6	Canada . . . . .	2
Iowa . . . . .	2	Chile . . . . .	1
Maryland . . . . .	2	France . . . . .	1
Wisconsin . . . . .	2	Japan . . . . .	1
			411

# Award of Fellowships

1902-1903

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ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Albert William Atwood, B.A. (1903)

SOUTH END HOUSE FELLOWSHIP

Harry Blake Taplin, B.A. (1902)

HITCHCOCK PHYSICAL EDUCATION FELLOWSHIP

(PARTIAL THIS YEAR)

Alfred Frederick Westphal (1905)

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# Award of Honors

1902-1903

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COMMENCEMENT SPEAKERS

Draper Cooke Bartlett  
Roland Shaw Haradon  
Herman Norton Johnson  
Stanley King  
Charles Blanchard Thompson  
Clifford Parker Warren

PHI BETA KAPPA

FIRST DRAWING (SENIORS)

Draper Cooke Bartlett  
Roland Shaw Haradon  
Clifford Parker Warren

SECOND DRAWING (SENIORS)

Albert William Atwood  
Alexander Cantlay Ewen  
Clyde Tyler Griswold  
Herman Norton Johnson  
Stanley King  
James Maxwell Murdock  
James Williams Park  
Charles Blanchard Thompson

FIRST DRAWING (JUNIORS)

Vernon Seymore Clark  
DeWitt Tilden Cope  
Edgar Hunt Goold  
Albert Arthur Livingston  
John Burke Shay

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## Final Honors

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ENGLISH — James Williams Park

CHEMISTRY — Clyde Tyler Griswold

GREEK — James Maxwell Murdock, Marcus Arnold Rhodes

GEOLOGY — Clyde Tyler Griswold

HISTORY — Albert William Atwood, James Richmond Childs,  
Stanley King, James Williams Park

LATIN — David Harry Lake, James Williams Park, Charles  
Blanchard Thompson

PHILOSOPHY — Draper Cooke Bartlett, Alexander Cantlay Ewen,  
Herman Norton Johnson, Stanley King, James Maxwell Murdock,  
Clifford Parker Warren



# Award of Prizes

1902-1903

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## HUTCHINS GREEK PRIZE — JUNIOR

Vernon Seymour Clark

## BERTRAM LATIN PRIZES — SENIOR

*First Prize:* Charles Blanchard Thompson

*Second Prize:* James Williams Park

*Third Prize:* David Harry Lake

## BILLINGS LATIN PRIZES — SENIOR

*First Prize:* James Williams Park

*Second Prize:* Charles Blanchard Thompson

## LAW LATIN PRIZE — JUNIOR

John Burke Shay

## THOMPSON LATIN PRIZES — JUNIOR

*First Prize:* Albert Arthur Livingston

*Second Prize:* DeWitt Tilden Cope

*Third Prize:* Sanford Meddick Salyer

## SOPHOMORE LATIN PRIZES

*First Prize:* Edward Hall Gardner

*Second Prize:* Robert Shepherd Kneeland

## FRESHMAN LATIN PRIZES

*First Prize:* Ellison Story Hildreth

*Second Prize:* Sumner Goldthwaite Rand

## BOYNTON BIBLICAL LITERATURE PRIZES

*First Term:* Frank Edward Wheeler

*Second Term:* Claude Moore Fuess

*Third Term:* Claude Moore Fuess

KELLOGG PRIZES

*Sophomore*: Ralph Waldo Emerson Edgecomb

*Freshman*: Frederick Sewall Bale

HARDY PRIZES — SENIORS

*First Prize*: Albert William Atwood

*Second Prize*: James Williams Park

HYDE PRIZE — SENIOR

Elisha Lynn Fisher

BOND PRIZE — SENIOR

Stanley King

KENT PRIZE — SENIOR

Foster Waterman Stearns

WALKER MATHEMATICAL PRIZE — SOPHOMORE

Paul Willard Norton

PORTER PRIZE — SENIOR

Roland Shaw Haradon

SAWYER MEDAL — SOPHOMORE

*Gold Medal*: William Trowbridge Merrifield Forbes

*Honorable Mention*: Robert Nicholas Mattingly

A. LYMAN WILLISTON PRIZE — SOPHOMORE

Leonard Dudley Field

THE A. C. JAMES NAVIGATION PRIZE — SENIOR

Roland Shaw Haradon

LELAND PRIZE

The Sophomore Class (Class of 1905)

WOODS PRIZE — SENIOR

James Williams Park

## LADD ORATION PRIZES — JUNIORS

Donald Lord Bartlett  
Merrill Bishop  
Louis Martin Collins  
Harrison Josiah Conant  
Fayette Brown Dow  
Joseph Bartlett Eastman  
Edward Josiah Eaton  
Clifford Holcombe Keep  
Heath Moore  
James Herlihy O'Donnell  
James John Quill  
Harry Edwin Taylor

## ARMSTRONG PRIZES — FRESHMEN

*First Prize:* Shirley Gale Patterson  
*Second Prize:* William Harvey Webster  
*Third Prize:* Norman Franklyn Butler

## PORTER ADMISSION PRIZE

Samuel Frederic Monroe

*(prepared at the Greenwich (Conn.) High School and the Academy)*

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## Honorable Mention

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## CLASS OF 1903

Albert William Atwood — *History; Public Speaking*  
Arthur George Baker — *Modern Government*  
Draper Cooke Bartlett — *Modern Government*  
Louis Edouard Cadieux — *Italian; Spanish*  
James Richmond Childs — *History; Modern Government*  
Ralph Hunting Clarke — *Economics; Modern Government*

- Alexander Cantlay Ewen — *Modern Government*  
 Roland Shaw Haradon — *Mathematics; Physics; Public Speaking*  
 Herman Norton Johnson — *Geology; Modern Government; Philosophy; Public Speaking*  
 Stanley King — *History; Modern Government; Philosophy; Public Speaking*  
 James Williams Park — *English; Latin*  
 Marcus Arnold Rhodes — *Greek; Philosophy*  
 Charles Blanchard Thompson — *English; History; Latin; Modern Government*  
 Clifford Parker Warren — *Economics; English; History; Modern Government; Philosophy; Public Speaking*

# CLASS OF 1904

- Francis Adams, Jr. — *History; Mathematics; Philosophy*  
 Ralph C. Amidon — *Latin*  
 Charles Willet Beam — *Philosophy*  
 Thomas Clachar Brown — *Geology; Philosophy*  
 Vernon Seymour Clark — *Greek; Mathematics; Philosophy; Physics*  
 DeWitt Tilden Cope — *History; Latin; Philosophy; Spanish*  
 Arthur Farwell Dodge — *Philosophy; Physics*  
 Fayette Brown Dow — *English; History; Philosophy; Public Speaking*  
 Edgar Hunt Goold — *English; History; Philosophy; Public Speaking*  
 Isaac Hartshorne — *Philosophy*  
 Albert Arthur Livingston — *History; Italian; Latin; Philosophy; Public Speaking*  
 Edward William McEvoy — *German; Greek*  
 Frank Bowen Morris — *History; Philosophy*  
 William Northrop Morse — *English; History; Geology; Philosophy*  
 James Herlihy O'Donnell — *German*  
 Charles Francis Perry — *Latin*  
 Sandford Meddick Salyer — *English; Greek; Latin*  
 John Burke Shay — *Latin; Philosophy*  
 Karl Owen Thompson — *History*  
 William Ledley Vosburgh — *Philosophy*  
 Ernest Miller Whitcomb — *History; Philosophy*

## CLASS OF 1905

- Charles Ernest Bennett — *English; French; Greek; Latin*  
Robert James Bottomly — *English; German; Greek; Latin; Mathematics*  
John Maurice Clark — *History*  
Edward Clark Crossett — *Chemistry; German*  
Edward Hall Gardner — *Greek*  
Robert Shepherd Kneeland — *English; German; Latin; Mathematics*  
Stephen Victor Marsh — *Chemistry; German; Greek; Latin*  
Francis Chester Nickerson — *Greek; Mathematics*  
Paul Willard Norton — *Mathematics*  
Chauncey Lyman Parsons — *Biology; German*  
Philip Mack Smith — *Chemistry*  
Walter Virgil Spaulding — *Chemistry; German; History*  
Clarence Nelson Stone — *English*  
Charles Frank Thomas — *English*  
Edwin Hill van Etten — *English; German; Greek; History; Latin*  
Hugh Hourston Craigie Weed — *Greek; Latin*

## CLASS OF 1906

- Fayette Winchester Denio — *Mathematics*  
Walter Francis Downey — *Mathematics*  
Ernest Gallaudet Draper — *English*  
William Trowbridge Merrifield Forbes — *Biology; Mathematics*  
Ellison Story Hildreth — *Greek; Latin*  
Sumner Goldthwaite Rand — *Greek*

# Degrees Conferred in 1903

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## *Degrees in Course*

### Bachelors of Arts

#### *Summa cum laude*

Stanley King	Clifford Parker Warren
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#### *Magna cum laude*

Draper Cooke Bartlett	James Williams Park
Herman Norton Johnson	

#### *Cum laude*

Albert William Atwood	William Henry Leary
Arthur George Baker	James Maxwell Murdock
Gouverneur Hammeken Boyer	William Jay Pratt, Jr.
Louis Edouard Cadieux	Marcus Arnold Rhodes
James Richmond Childs	James Smith Robson
Ralph Huntington Clarke	John Sharpe
Alexander Cantlay Ewen	Frederic William Shearer
Elisha Lynn Fisher	Wilson Snushall
Clyde Tyler Griswold	John Howard Stevens
Joseph Wanton Hayes	Frederic Nathaniel Stone
Walter Almerian Hildreth	Frederic Spence Tay
John Mustapha Hinds	Charles Blanchard Thompson
Adolph Nicolaus Krug	Abner Thorpe, Jr.
David Harry Lake	

#### *Rite*

Alfred Lincoln Armsby	Edmund Chandler Beach
Byard Wilmarth Bennett	James McVickar Breed
Henry Langworthy Burdick	Thomas Francis Burke
Edward Kissam Clark, Jr.	Frederic Alfred Field, Jr.
Thomas Gardner Getchell	Henry Black Gould
Edgar Drury Hardy	Roland Mather Homer
William Carey Marble	George Neill Patrick
Paul Stephens Phalen	Tom DeWitt Priddy
Charles Thomas Gray Smith	Foster Waterman Stearns
James Stephen Taylor	Stanley Hovey Tead
Harold Abbott Varnum	Walter Rice Washburn
Dwight Oscar Winsor	

**Bachelors of Science***Summa cum laude*

Roland Shaw Haradon

*Cum laude*

Robert Walker Bell, Jr.

John Phillip Maloney

Alpheus Hoyt Favour

William Conant Morgan

*Rite*

Frederick King Bixby

Irving Sobotky

Arthur Trow Foster

Elisha Edward Wells

Edward George Longman

**Bachelors of Arts (out of course)**

Pliny Bartlett as of the class of 1866

James G. Hobbie as of the class of 1877

**Masters of Arts**

Clarence Edwy Hadden, B.A. (1878)

Edward Erastus Bancroft, B.A. (1883)

Arthur Vinal Lyon, B.A. (1884)

William Gray Schauffler, B.A. (1886)

William Bradbury Noyes, B.A. (1888)

Albert Earl Sumner, B. A. (1889)

Robert Spurr Weston, B.S. (1891)

Charles Maurice Stebbins, B. A. (1892)

Herbert Harold Waite, B.A. (1892)

Harry Gilbert Kimball, B.S. (1893)

Eugene William Lyman, B.A. (1894)

Austin Rice, B.A. (1894)

Frank Curtis Davis, B.S. (1895)

Sumner Blakemore, B.A. (1896)

Charles Cutler Spooner, B.A. (1896)

Walter Herbert Blakeslee, B.A. (1897)

Arthur Prince Hunt, B.A. (1897)

Arthur Herbert Kimball, B.S. (1897)

William Jesse Newlin, B.A. (1899)

Thomas Valentine Parker, B.A. (1900)

Ernest Hatch Wilkins, B.A. (1900)

Anson Ely Morse, B.A. (1902)

Harry Blake Taplin, B.A. (1902)

*Honorary Degrees***Masters of Arts**

FRANK LUSK BABBOTT

**Doctors of Letters**

ANDREW JACKSON GEORGE

EDWARD SMITH PARSONS

**Doctors of Divinity**

JAMES GRISWOLD MERRILL

WILFORD LASH ROBBINS

**Doctors of Laws**

JOHN WOODRUFF SIMPSON

Sir CHENTUNG LIANG CHENG

FREDERIC JAMES EUGENE WOODRUFF

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*Honorary Commission*

A Commission appointed by the Trustees, to make plans for beautifying the grounds and for the proper sites of buildings.

WILLIAM R. MEAD, LL.D.

DANIEL H. BURNHAM, M.A., SC.D.

AUGUSTUS SAINT GAUDENS, LL.D.

CHARLES F. MCKIM, LL.D.

FREDERICK LAW OLNSTED, M.A.



# Admission

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ALL candidates for admission to College must present satisfactory testimonials of good moral character.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies which lead to the several courses.

## REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

### GROUP 1

Latin I, II  
Greek I, II  
Mathematics I  
English  
History I

### GROUP 2

{ Latin I, II and Greek I  
or  
{ Greek I, II and Latin I  
Mathematics I  
English  
History I

In addition, there shall be one subject from the following list:—

French I  
German I  
History II  
Physics  
Chemistry  
Mathematics II

GROUP 3

{ Latin I, II  
  or  
{ Greek I, II  
  Mathematics I  
  English  
  History I

In addition there shall be, from the following list, three subjects, one of which shall be a modern language and one an advanced subject.

*Elementary*

French I  
German I  
History II  
Physics  
Chemistry

*Advanced*

French II  
German II  
Mathematics II

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

REQUIREMENTS FOR BACHELOR OF SCIENCE COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satis-

factory qualifications in the following subjects according to the specifications given under each subject.

English  
History I and II  
Mathematics I  
Chemistry or Physics  
Latin I or Latin I, II  
French I or German I

If Latin II is not presented, two points shall be made from the following lists:—(French I, German I, French II, German II, Chemistry, Physics), 2 points each; (Solid Geometry, Trigonometry and Logarithms, Advanced Algebra, Anatomy, Physiography), 1 point each.

Examinations are required in Solid Geometry, Advanced Algebra, Trigonometry and Logarithms.

If Latin I, II, is presented, the remaining requirements may be selected from the lists given on pages 40, 41. A student who presents Latin I, II, at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for one College year.

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

### REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present:—

- |       |               |       |              |
|-------|---------------|-------|--------------|
| (1) { | English       | (2) { | Chemistry or |
|       | History I     |       | Physics      |
|       | History II    |       |              |
|       | Mathematics I |       |              |

- (3) One elementary and one advanced subject from the following lists:—

*Elementary*

French

German

*Advanced*

French

German

Mathematics

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

## LATIN

## I. ELEMENTARY LATIN

The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through three school years. In preparation for the elementary examinations, the candidate should read and review at least Cæsar's *Gallic War*, books I–IV, or an equivalent; Cicero's *Orations against Catiline* and *for Archias*; and should gain ability to read Latin at sight. Careful attention should be given from the beginning to the correct pronunciation of Latin words according to the Roman method. The examinations will include:—

(a) Translation at sight of passages of Latin prose.

(b) A thorough examination on Cicero's *Orations against Catiline*, II, III, IV, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

## II. ADVANCED LATIN

In addition to the preparation mentioned above for the elementary Latin, the candidate should read and review at least Vergil's *Æneid*, books I–VI, or an equivalent; and have adequate training in reading Latin poetry in the original, in translating Latin poetry at sight, and in Latin prose composition. The examinations will include:—

(a) The translation at sight of passages of Latin verse.

(b) A thorough examination on Vergil's *Æneid*, books I and II, directed to testing the candidate's mastery of the ordinary forms, constructions, idioms, and prosody.

(c) The translation into Latin prose of a passage of connected English narrative, based on some portion of the Latin prose works usually read in preparation for college, and limited to the subject-matter of those works.

Candidates for the degree of B.S. will take Latin I.

Candidates for the degree of B.A. will take both Latin I and II.

Candidates for the degree of B.A. may take any of the subjects in preliminary examinations, but are advised to reserve for their final examinations Vergil or Cicero, and Latin prose composition.

## GREEK

### I. ELEMENTARY GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least two school years. In preparation for the elementary examination, the candidate should read the first three books of Xenophon's *Anabasis* or an equivalent, and be carefully drilled in the principles of syntax and inflections of Attic prose. The examination will include:—

(a) A thorough examination on the first two books of Xenophon's *Anabasis*.

(b) Translation at sight of passages of Attic prose.

### II. ADVANCED GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week extending through at least three school years. In addition to the preparation for the elementary examination, the candidate should read the fourth book of Xenophon's *Anabasis*, and three books of Homer's *Iliad*; and should be trained to render into Greek passages of English narrative involving all ordinary constructions. The examination will include:—

(a) Translation into Greek of a passage of connected English narrative based on the second book of Xenophon's *Anabasis*.

(b) A thorough examination on the first book of Homer's *Iliad*.

(c) Translation at sight of passages of Homer, with questions on the forms, constructions, and idioms of the passages.

## MATHEMATICS

### I. ELEMENTARY MATHEMATICS

(a) Algebra through quadratic equations.

(b) Plane geometry, including problems in mensuration, and original propositions.

The requirement in algebra includes the following subjects: factors, common divisors and multiples, fractions, ratios and proportions; negative quantities and the interpretation of negative results; theory of exponents; radicals and equations involving radicals; the elementary theory of imaginaries; the progressions; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities, and of problems leading to such equations.

The requirement in geometry embraces the following topics: the general properties of plane rectilinear figures; proportion; incommensurable magnitudes and limits; the circle and the measure of angles; similar polygons; areas; regular polygons and the measure of the circle; problems in construction.

In each subject great importance is attached to accuracy and readiness, and to neatness in the arrangement of written work.

### II. ADVANCED MATHEMATICS

(a) Algebra, including choice, chance, theory of limits, the binomial theorem, logarithms, series, determinants, graphs, derivatives, and the theory of equations. Hall and Knight's *Algebra for Colleges and Schools*.

(b) Solid and spherical geometry. Wells's *Essentials*.

(c) Plane trigonometry. Wentworth.

## ENGLISH

Two sets of books are prescribed for preparation in English, one for reading, the other for more careful study. No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, idiom, or division into paragraphs. The examination will consist of two parts:—

(1) *Reading and Practice*.—The candidate will be required to present evidence of a general knowledge of the subject-matter of the books assigned, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books set for this part of the examination will be:—

1904 and 1905.—Shakespeare's *The Merchant of Venice* and *Julius Cæsar*; *The Sir Roger de Coverley Papers* in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

1906.—Shakespeare's *Macbeth* and *The Merchant of Venice*; *The Sir Roger de Coverley Papers* in *The Spectator*; Irving's *Life of Goldsmith*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe* and *The Lady of the Lake*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Lowell's *The Vision of Sir Launfal*; George Elliot's *Silas Marner*.

(2) *Study and Practice*.—This part of the examination pre-supposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness



and accuracy. The books set for this part of the examination will be: —

1904-1906. — Shakespeare's *Julius Cæsar*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*; Burke's *Speech on Conciliation with America*; Macaulay's *Essay on Milton* and *Life of Johnson*.

## FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America.

### I. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.



Suitable texts for the second year are: About's *Le roi des montagnes*, Bruno's *Le tour de la France*, Daudet's easier short tales, De la Bédollière's *La Mère Michel et son chat*, Erckmann-Chatrian's stories, Foa's *Contes biographiques* and *Le petit Robinson de Paris*, Foncin's *Le pays de France*, Labiche and Martin's *La poudre aux yeux* and *Le voyage de M. Perrichon*, Legouv   and Labiche's *La cigale chez les fourmis*, Malot's *Sans famille*, Mair  t's *La t  che du petit Pierre*, M  rim  e's *Colomba*, extracts from Michelet, Sarcey's *Le si  ge de Paris*, Verne's stories.

## II. ADVANCED FRENCH

This should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau's *Le Gendre de M. Poirier*; B  ranger's poems: Corneille's *Le Cid* and *Horace*; C  pp  e's poems; Daudet's *La Belle-Nivernaise*; La Br  te's *Mon Oncle et mon cur  *; Madame de S  vign  's letters; Hugo's *Hernani* and *La chute*; Labiche's plays; Loti's *P  cheur d'Islande*; Mignet's historical writings; Moli  re's *L'avare* and *Le bourgeois gentilhomme*; Racine's *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau's *Mademoiselle de la Seigli  re*; Scribe's plays; Thierry's *R  cits des temps m  rovingiens*; Thiers's *L'exp  dition de Bonaparte en   gypte*; Vigny's *La canne de jonc*; Voltaire's historical writings.

## GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

### I. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill upon pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of

everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs, also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the end of enabling the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen's *Märchen* and *Bilderbuch ohne Bilder*; Arnold's *Fritz auf Ferien*; Baumbach's *Die Nonna* and *Der Schwiegersohn*; Gerstäcker's *Germelshausen*; Heyse's *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern's *Höher als die Kirche*; Jensen's *Die braune Erica*; Leander's *Träumereien* and *Kleine Geschichten*; Seidel's *Märchen*; Stökl's *Unter dem Christbaum*; Storm's *Immensee* and *Geschichten aus der Tonne*; Zschokke's *Der zerbrochene Krug*.

The best shorter plays available are: Benedix's *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz's *Er ist nicht eifersüchtig*; Wichert's *An der Majorsecke*; Wilhelm's *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen's *Märchen*, or *Bilderbuch*, or Leander's *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die*

*Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

## II. ADVANCED GERMAN

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise upon word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach's *Die Freiherren von Gemperlein*; Freytag's *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*, for example *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué's *Undine*; Gerstäcker's *Irrfahrten*; Goethe's *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffmann's *Historische Erzählungen*; Lessing's *Minna von Barnhelm*; Meyer's *Gustav Adolfs Page*; Moser's *Der Bibliothekar*; Riehl's *Novellen*, for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger's *Waldheimat*; Schiller's *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel's *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch's *Das edle Blut*. A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

## ANCIENT HISTORY (History I)

The examination will include: (1) the history of Greece to the death of Alexander, an outline of Greek geography, and questions on Greek life, literature, and art; (2) the history of Rome to the death of Marcus Aurelius, an outline of Roman geography, and questions

upon literature and government. The examination presupposes the use of good text-books, considerable collateral reading, and a systematic course of study of at least four exercises a week during one school year, or of two exercises a week during two school years.

### ENGLISH AND AMERICAN HISTORY (History II)

The examination will include: (1) the history of England, (2) the history of the United States. A mastery of the narrative as presented in the best text-books is requisite, together with collateral reading. Two exercises a week for one school year in (1) and (2) are necessary.

### PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in such text-books as Avery's *School Physics*, Gage's *Elements of Physics*, and Crew's *Elements of Physics*. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate applies for admission, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

### CHEMISTRY

General laws and theories of chemistry, and the occurrence, preparation, and properties of the non-metallic elements and their compounds as stated in such text-books as Richter, Remsen, and Harris.

### TIME, PLACES, AND ORDER OF EXAMINATIONS

The first examinations for admission begin at 2 P.M. on Tuesday (21st June 1904), and close on Friday of the week preceding Commencement. The result of these examinations is sent to the candidates by mail, within two weeks after the examinations are held. The second examinations for admission begin at 2 P.M. on the last Monday of the summer vacation (19th September 1904), and close on the following Thursday. These

regular examinations for admission to the College are held in Room 5 Walker Hall at Amherst, and all candidates should present themselves promptly at the hour assigned for registration. Examination papers will be sent, free of charge, to any preparatory school of good standing, where there are candidates for admission, provided its principal will conduct the examinations simultaneously with those at Amherst, and without expense to the College. Candidates who desire to be examined elsewhere than at Amherst should send their names to the Registrar in season to be received not later than the first of June.

The order of examinations, in both June and September, is as follows : —

#### FIRST DAY

P.M.

2.00-2.15	Registration
2.15-3.45	Plane Geometry
4.00-5.30	Elementary Algebra

#### SECOND DAY

A.M.

8.30-9.30	Latin Prose Composition
9.30-10.15	Cicero
10.30-11.15	Vergil and Latin Prosody
11.15-12.00	Latin at Sight

P.M.

2.00-3.30	English
3.45-4.30	History II (English and American)
4.30-5.15	History I (Ancient)

#### THIRD DAY

A.M.

8.30-9.15	Greek Prose Composition
9.15-10.00	Anabasis
10.15-11.00	Iliad
11.00-11.45	Greek at Sight
11.45-12.30	Chemistry, Physics

P.M.

2.00-3.30	Elementary German
	Advanced German
3.45-5.15	Elementary French
	Advanced French

#### FOURTH DAY

A.M.

8.00-9.00	Advanced Algebra
9.00-10.00	Solid Geometry
10.15-11.15	Trigonometry

## PRELIMINARY EXAMINATIONS

Candidates are allowed to take examinations in any of the subjects ; and if the student is successful in five or more papers, either in the June or September examinations, or in both together, credit will be given for one year. Candidates are advised, however, to reserve for their final examinations the following subjects: Homer, Vergil or Cicero, Greek and Latin prose composition, algebra or geometry, and English.

## ADMISSION ON CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter College are received in place of entrance examinations ; but such certificates must be filled out in detail in accordance with forms printed by the College, and furnished to principals of such schools upon application to the Registrar.

Such admission by certificate allows a student to enter College conditionally upon his proving himself able to do the full work of his class ; and at any time during the Freshman year he may be dropped from the class in case his work is not satisfactory. In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week during three school years for Greek and four for Latin. In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the certificate. No certificate will be accepted for work in advanced mathematics. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examination.

After January 1, 1904, certificates will be received from schools in New England which have been approved by the New



England College Entrance Certificate Board and from no others. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, R. I. From schools outside of New England, already approved by this college, students are received on certificate, as heretofore.

#### ADMISSION ON CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in the subjects which they cover. It is to be noted, however, that in Greek, in addition to their requirements, an examination must be taken upon the fourth book of the *Anabasis*, and the translation of Greek at sight, and in Mathematics, in addition to their requirements in elementary algebra, an examination must be taken in the rationalization of radical expressions, theory of exponents, elementary theory of imaginaries, ratio and proportion, the progressions; and in advanced algebra an examination must be taken in the elementary theory of graphs as applied to the study of functions.

Certificates of the College Entrance Examination Board for the Middle States and Maryland are accepted.

#### CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but those deficiencies must be removed to the satisfaction of the Faculty before he can be advanced to the Junior class. The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

For conditions under which entrance prizes are given, see page 105.

## ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of the second semester of Senior year.

Candidates for admission to advanced standing are examined in the studies that have been pursued by the class they wish to enter; also in the requirements for admission to the Freshman class, if advanced standing has not been regularly attained in another college. In applying for admission to advanced standing at Amherst, a student from another college should present a letter of honorable dismissal, together with a detailed certified statement of the work done by him in each department of study at the college from which he comes. Due credit is given for all such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin, or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry.



## Courses of Instruction

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ALL courses are three hours a week, except Mathematics 1 and Chemistry 2 and 3. The numbers 1, 2, 3, 4 denote, not the four classes, but the successive years in which courses are offered. The letters *a*, *b*, denote the first and second semesters. The letters *aa*, *bb*, denote courses parallel with courses *a*, *b*, respectively.

In Freshman year those students who have presented for admission both ancient languages, elementary and advanced, pursue the study of those languages, of Mathematics and of English, and elect French or German or Physics. Those who have presented besides Latin and Greek, a modern language, elementary and advanced, may elect that language instead of one of the ancient languages. Those who have presented one ancient language pursue the study of that language, of Mathematics and of English, and elect two studies.

The required studies of Freshman year in the Scientific course are Mathematics, one semester each of Descriptive Geometry and Anatomy, and two semesters of English. Two studies are chosen from Latin, German, French, and Physics.

In Sophomore year each student elects five courses. The courses open to Sophomores are History 1, Greek 2, Latin 2, German 1, 2, or 3, French 1, 2, or 3, Italian 1 or Spanish 1, English 2, Mathematics 2, Physics 1 or 2, Chemistry 1, Anatomy, Biology 2.

In Junior year each student elects five courses. The courses open to Juniors are Philosophy 1, History 2, Modern Government 1 *b*, Biblical Literature 1, Greek 3, Greek and Italian Art, Latin 3, German 2, 3, or 4, French 2, 3, or 4, Italian 2, Italian 3,

Spanish 2, English 3, Old and Middle English, Public Speaking, Mathematics 3, Physics 2, Chemistry 2, Geology 1, Biology 3, Music, and any preceding courses.

In Senior year each student elects four courses. The courses open to Seniors are Philosophy 2, History 3, Economics, Modern Government, Biblical Literature 2, Greek 4, Latin 4, Sanskrit, German 2, 3, or 4, French 2, 3, or 4, Italian 3, Spanish 3, English 4, Mathematics 4, Physics 2 or 3, Astronomy, Navigation, Chemistry 3, Geology 2, Music, and any preceding courses.

No student is allowed to take a less number of courses than the number named for each year. Extra courses may be taken, subject to the approval of the Administration Committee.

Candidates for the degree of Bachelor of Science shall complete second year German, second year French, Italian, or Spanish, and in addition to the required studies of freshman year, twenty-eight semester courses, twelve of which shall be chosen from sciences, mathematics or economics.

## PHILOSOPHY

PROFESSOR GARMAN

- (1 *a*) Psychology and pedagogics.
- (1 *b*) Psychology and sociology.
- (2 *a*) Ethics and history of philosophy. (1 *a*, 1 *b* requisite.)

As far as possible, the philosophers and their critics are studied from their own works. The courses in philosophy include the following subcourses, several of which are taken simultaneously:— Psychology (experimental, animal, morbid); mental evolution; pedagogics and educational psychology; general psychology; heredity; anthropological ethics; political obligations; metaphysics of ethics; objective ethics; outlines of sociology; æsthetics; outline history of ancient philosophy: selections from Locke, Berkeley, Hume, and Mill; philosophy and ethics of Herbert Spencer, Descartes, Spinoza, Kant, Fichte, Hegel, Lotze; epistemology; philosophy and evolution

of religion; preparation for Christianity in the Roman empire; Christian apologetics, history and exposition of Christian doctrine; movements of thought in the nineteenth century.

## HISTORY

MR. WALKER

(1 *a*) Mediaeval Europe from the fall of the Roman Empire to the end of the Crusades, 375-1270. The course is preceded by a brief résumé of ancient history. As in the succeeding courses in European history, down to the French revolution, especial attention is given to the history of England.

(1 *b*) The Renaissance; the Lutheran reformation; the Zwinglian reformation; Calvinism; the reformation and the religious wars in France; the revolt of the Netherlands.

DR. GALLINGER

(2 *a*) The reformation in England; the Catholic counter-reformation; the thirty-years' war; the Puritan revolution.

(2 *b*) The development of France under Richelieu, Mazarin and Louis XIV; the English revolution of 1688; the rise of Prussia and Russia; the rise of cabinet government in England; the colonial period of American history.

(3 *a*) American history, 1763-1817; the French revolution; the Napoleonic wars.

PROFESSOR MORSE

(3 *aa*) The political and party history of the United States from the beginning of the American revolution to the election of Jackson, 1765-1828.

DR. GALLINGER

(3 *b*) European history from the Congress of Vienna to the war of the United States with Spain, 1815-1898; American history, 1817-1898.

PROFESSOR MORSE

(3 *bb*) Political and party history of the United States from the election of Jackson to the re-election of McKinley, 1828-1900.

ECONOMICS

PROFESSOR CROOK

(1 a) Outlines of economics. Gide's *Principles of Political Economy*.

(1 aa) Sociology. Gidding's *Elements of Sociology*; Warner's *American Charities*; Wine's *Punishment and Reformation*.

(1 b) Money and banking. Scott's *Money and Banking*; Dunbar's *Theory and History of Banking*; J. Laurence Laughlin's *Principles of Money*. (1 a requisite.)

The monetary and banking systems of England, France, Germany, and the United States are studied.

(1 bb) Advanced work in economic theory. Assigned readings in Smith, Ricardo, Mills, and Marshall; Clark's *Distribution of Wealth*. (1 a requisite.)

(1 bbb) Practical problems; the labor question; transportation; trusts. Thesis required. Ripley's *Transportation*; Johnson's *American Railway Transportation*; Industrial Commission's *Report on Labor*; Jenk's *Trust Problem*; Meade's *Trust Finance*. (1 a or 1 aa requisite.)

The department conducts an economic and sociological seminar once each week during the winter months, to which are admitted those who have attained high standing in Economics 1 a and 1 aa.

MODERN GOVERNMENT AND INTERNATIONAL LAW

PROFESSOR GROSVENOR

(1 b) Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and of circumstances; governments as single or federal, as monarchic, aristocratic or democratic, as constitutional or arbitrary.

(2 a) Existing governments, national, municipal and local, in the states of Europe and America, and in Japan, China, India, and Australia. (1 b requisite.)

(2 *b*) The rights of states ; international intercourse ; relations of states at war ; belligerents and neutrals ; history, progress and future of international law. (1 *b* and 2 *a* requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethnic, and religious condition of peoples is investigated to ascertain the influence of such conditions upon their political life. Attention is paid to special topics of contemporaneous interest. During each semester at least one thesis and one discussion will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History*. Wilson's *The State*. Woolsey's or Lawrence's *International Law*.

### BIBLICAL LITERATURE

PROFESSOR H. PRESERVED SMITH

#### I. THE ENGLISH BIBLE

1 (*a*) History of Israel down to the Greek period ; composition of the historical books ; the work of the prophets ; exile and restoration ; supremacy of the law.

1 (*b*) History of Judaism and the beginnings of Christianity ; the Maccabean struggle ; Rome and the Herods ; the life of Christ ; Jewish and Gentile Christianity ; the epistles of Paul. The text-book is the English Bible.

#### II. THE NEW TESTAMENT IN GREEK

(1 *aa*) Discussion of the character of Hellenistic Greek. Selections from the Gospels, the Acts, and the earlier Pauline Epistles.

(1 *bb*) The Catholic Epistles and the Epistle to the Hebrews with comparison of the Greek version of the Old Testament. The text-book is the New Testament of Wescott and Hort.

#### III. INTRODUCTION TO THE HEBREW LANGUAGE

(2 *a*) The grammar, with exercises in translation and composition ; reading of easy prose.

(2 b) Translation of narrative and prophetic passages with especial attention to the syntax. The text-book is Davidson's *Introductory Hebrew Grammar*.

### GREEK

PROFESSOR ELWELL

A (1 and 2) course for students beginning Greek. Elementary Greek, Homer, and Attic prose: four hours a week through the year. This course given only to three or more students, on application.

(1 a) Homer's *Odyssey*, with study of Homeric characters and collateral reading on Homer.

(1 b) Herodotus, with study of historic characters and collateral reading on Greek historians; Lysias, with study of Athenian life and collateral reading on Attic orators.

PROFESSOR H. DEF. SMITH

(2 a) Euripides, *Alcestis*; Sophocles, *Antigone*; lectures on tragedy and the theatre; study of selected tragedies in an English translation.

(2 b) Lucian, selections from his dialogues; Plutarch, *Life of Pericles*; literature of the early Christian era, lectures and collateral reading.

(3 a) Plato, *Republic* or select dialogues, with lectures and collateral reading on Platonism; Hesiod, *Works and Days*.

(3 b) Lyric poets, selections from elegiac, iambic, and melic poetry, with a study of the various types; Æschylus, *Agamemnon* or *Persians*, with study of other tragedies in an English translation.

(Courses 3 a and 3 b are for Juniors and Seniors in 1903-1904.)

(4 a) Theocritus, selected *Idylls*; Apollonius Rhodius, parts of the *Argonautica*; selections from other late Greek poetry; the history of Alexandrian literature.

(4 *b*) Aristophanes, *Birds*, with lectures on the development of comedy and study of other Aristophanic works in an English translation ; Aristotle, *Poetics*, with lectures and collateral reading on Greek literary criticism.

(Courses 4 *a* and 4 *b* are for Juniors and Seniors in 1904-1905.)

### LATIN

PROFESSOR COWLES AND MR. WILKINS

(1 *a*) Cicero, *De Senectute*, or *De Amicitia*; discussion on Latin style; collateral reading on the life and times of Cicero.

Livy, Book I or XXI; lectures on Rome and Carthage; collateral reading on the Punic wars.

(1 *b*) Livy continued; exercises in composition on the basis of the text.

Horace, *Odes* and *Epodes* with the Horation metres; collateral reading on Horace as a lyric poet.

PROFESSOR COWLES

(2 *a*) Plautus, *Trinummus* and *Captives*, with lectures on the history of Roman theatre and drama; notes on Latin Philology. Selections from Catullus.

(2 *b*) Selections from the *Satires* and *Epistles* of Horace, or the *Agricola* and *Germania* of Tacitus. History of Latin literature.

Selections from the *Letters* of Pliny the Younger; illustrated lectures on Roman archæology.

PROFESSOR CROWELL

(3 *a*) Selections from Seneca the philosopher; Petronius, *Cena Trimalchionis*; Quintilian, *De Institutione Oratoria*, book x; history of the literature of the silver age.

(3 *b*) Tacitus, *Histories*, books I and III; history of the literature of the silver age; Persius and Juvenal, *Satires*; history of Roman satire, or Justinian, *Institutes*, and history of Roman jurisprudence.



(4 a) Lucretius, selections from *De Rerum Natura*; Cicero, the *Immortality of the Soul*; thesis on the life, philosophy, poetry and style of Lucretius.

(4 b) Tertullian, *Liber Apologeticus*; *Christian Latin Poetry*, selections; history of early Christian Latin literature; Justinian, *Institutes*, and history of Roman jurisprudence.

### SANSKRIT

PROFESSOR ELWELL

(1 a) Perry's *Primer*; Whitney's *Grammar*; Lanman's *Reader, Nala*.

(1 b) Whitney's *Grammar*; Lanman's *Reader*, stories from *Hitopadeṣa* and *Kathā-sarit-sāgara*.

This course is offered in preparation for especial work in comparative philology, and as an introduction to the study of the religions and literatures of India.

### GERMAN

PROFESSORS RICHARDSON AND BIGELOW

(1 a) Drill in pronunciation; colloquial exercises; practice in writing German; selections from easy German prose.

(1 b) Practice in writing German continued; sight reading; prose selections.

(2 a) Prose composition; memorizing; conversation; reading of modern texts; Schiller, *Maria Stuart*, and *Wilhelm Tell* or *Wallenstein* begun; study of Schiller's life.

(2 b) Schiller continued; Lessing, *Emilia Galotti*; Hauff, *Das Wirtshaus im Spessart*.

(3 a) Selections from Goethe's prose works; study of Goethe's life; Goethe, *Faust* begun; *Faust* continued; history of the *Faust* legend; Lessing, *Nathan der Weise*.

(4 a and b) Modern German fiction, poetry, and drama.

This course is open only to students who have completed six semesters with high rank. It may be taken for one or two semesters.



## ROMANCE LANGUAGES

PROFESSOR NITZE, DR. BAXTER, AND MR. WILKINS

## FRENCH

(1 *a*) Grammar and pronounciation ; modern texts.(1 *b*) Continuation of 1 *a*.

(2) Review of grammar ; more difficult texts ; private reading.

(2 *b*) Composition ; texts and history of French literature ; private reading in connection with the latter.(3 *a*) Molière ; his antecedents and successors ; essays.(3 *b*) Corneille ; Racine (if time serve, the drama of Voltaire) ; essays.(3 *aa*) Romanticism (2 *a* and *b* requisite) ; Victor Hugo ; de Vigny ; lectures and private reading.(3 *bb*) Continuation of 3 *aa* ; Lamartine ; de Musset.(4 *a*)<sup>1</sup> Old French (3 *a*, 3 *b*, 3 *aa*, 3 *bb* requisite) ; reading of selected extracts.(4 *b*)<sup>1</sup> Continuation of 4 *a* ; *Chanson de Roland* ; *Aucassin et Nicolette* ; lectures on the history of the French language.

## ITALIAN

(1 *a*) Grammar and pronounciation ; De Amicis, Goldoni, Farina ; conversation.(1 *b*) Stories by Verga, Barrili, Serao ; Manzoni : *I Promessi Sposi* ; conversation.(2 *a*) Fogazzaro : *Daniele Cortis* ; Capuana ; private reading.(2 *b*) Continuation of 2 *a* ; lectures on Italian literature.(3 *a*) Boccaccio and his sources ; tales selected from the *Decamerone* (Fornaciari) ; Ariosto : *Orlando Furioso*.(3 *b*) Dante *Vita Nuova*, *La Divina Commedia* (*Inferno*).<sup>1</sup> May be omitted.

## SPANISH

- (1 *a*) Grammar and pronunciation.
- (1 *b*) Continuation of 1 *a*; easy texts (Alarcón, Valdés, Galdós).
- (2 *a*) Composition; selected plays; private reading.
- (2 *b*) Outlines of Spanish literature; Cervantes: *Don Quijote*.

## ENGLISH

DR. ERSKINE

- (1 *a*) Words; sentences; paragraphs; written exercises and themes.
- (1 *b*) The composition as a whole; written exercises and themes.

The object of this required course is to furnish, by theory and practical drill, discipline in the principles of composition.

PROFESSOR GENUNG

- (2 *a*) Study, through selected literary works, of structure and style; themes and criticism.
- (2 *b*) The literary types; briefs and themes, with individual criticism.
- (2 *bb*) English literature of the Victorian age; lectures, readings, discussions.

PROFESSOR CHURCHILL

- (3 *a*) The Drama.

The drama as a species of art, its aims, principles and methods; Greek, Roman, French, German and English dramas as examples and illustrations.

- (3 *b*) The English Drama.

Rise and development of the drama in England; works of the predecessors of Shakespeare; plays of Shakespeare.

DR. ERSKINE

- (3 *bb*) English literature of the seventeenth century; Milton to Dryden.
- Historical development; poetic forms; principles of criticism.

## PROFESSOR CHURCHILL

(4 a) Critical Study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.

(4 b) Critical study of English prose writers: Early English prose, Elizabethan prose; Addison, Swift, Lamb, De Quincey, Macaulay. For English 4, English 3 is requisite as a precedent or parallel course.

## OLD AND MIDDLE ENGLISH

## PROFESSOR CHURCHILL

(1 a) Old English (Anglo-Saxon). Cook-Sievers' *Grammar of Old English*; Sweet's *Anglo-Saxon Primer*; Bright's *Anglo-Saxon Reader*; *Beowulf*; lectures on the origin and development of Old English.

(1 b) Old English Poetry; Middle English, especially Chaucer; *Prologue to the Canterbury Tales*; lectures on the history of Middle English and its development into Modern English: Sweet's *Second Middle English Primer*.

## PUBLIC SPEAKING

## MR. CORSA

(1 a) Oral interpretation; declamations, one hour course; individual training.

(1 b) Individual training of contestants for the Freshman Kellogg Prize.

(2 a) Oral interpretation; declamations, one hour course; individual training.

(2 b) Individual training of contestants for the Sophomore Kellogg Prize.

(3 a) Argumentation and logic; examples for praxis; lectures; oral interpretation; orations; argumentation in debates; discussions; speeches.

(4 a) Debates on social, economic, historical and political questions, one hour course.

(4 b) Debates as in (4 a); individual training of contestants for the Hyde and Bond Prizes.

MATHEMATICS

PROFESSORS ESTY AND OLDS AND MR. NEWLIN

(1 *a*) Solid and spherical geometry; algebra, including choice, chance, logarithms and determinants.

(1 *aa*) Descriptive geometry.

(1 *b*) Algebra continued, including series, derivatives, graphs, binomial theorem, exponential and logarithmic series, and a brief introduction to the theory of equations; plane trigonometry; spherical trigonometry and surveying for the Walker honor division.

(2 *a*) Analytic geometry, plane and solid.

(2 *b*) Differential and integral calculus.

(3 *a*) Calculus continued, followed by a brief course in differential equations with especial reference to advanced courses in mechanics and physics.

(3 *b*) Analytic mechanics; vector methods introduced.

(4 *a*) Differential equations, ordinary and partial, with their applications; vector methods continued.

(4 *b*) Introduction to the theory of functions.

(4 *bb*) Descriptive geometry completed. (Continuation of 1 *aa*.)

(4 *bbb*) Mechanical drawing. (4 *bb*) and (4 *bbb*) are designed primarily for students who are preparing to enter schools of technology.

PHYSICS

PROFESSORS KIMBALL AND THOMPSON

(1 *a*) Elementary mechanics; equilibrium and motion of solids, liquids and gases; capillarity and molecular forces; heat, electricity and magnetism. Lectures and recitations three hours, laboratory work two hours.

(1 *b*) Electricity and magnetism, continued; sound and light. Lectures and recitations three hours, laboratory work two hours.

(2 *a*) A course in electric and magnetic measurements and in

heat. (1 *a* and *b* requisite.) Lecture or recitation one hour, laboratory work four hours.

(2 *b*) Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals. Lectures and recitations two hours, laboratory work two hours. (1 *a* and *b* requisite.)

(3 *a*) Theory of electrostatics, electricity and magnetism, electrolysis and electrolytic conduction, and electric discharge in gases. Lectures and recitations two hours, laboratory work two hours.

(3 *b*) Dynamo-electric machinery, with especial reference to alternating currents of electricity. Lectures and recitations two hours, laboratory work two hours.

## ASTRONOMY AND NAVIGATION

PROFESSOR TODD

(1 *a*) General and descriptive astronomy and astrophysics. Todd's *New Astronomy*; lectures upon the history of geodesy and astronomy. Observations with telescopes and other apparatus, as laboratory practice. Determinations of time. (Physics 1 *b* requisite.)

This course includes the elements of astronomy, old and new. It is an informational course, and does not presuppose technical knowledge of Mathematics.

(1 *b*) Practical astronomy and astrophysics (Campbell, Souchon, Frost); *Theoretical Astronomy* (Watson); *Introduction to Celestial Mechanics* (Moulton); *Investigation of the orbit of Uranus* (Newcomb); observatory work with equatorial, transit and spectroscope. (Mathematics 1 and 2 and Astronomy 1 *a* requisite.)

This course includes the theory of the construction, adjustment and use of the principal instruments of the astronomical observatory (see page 80), and each student makes observa-

tions with these instruments, and completely calculates, or reduces them. Also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

(1 *bb*) History of navigation; naval architecture; instruments of navigation; compass errors and their correction; finding the ship's position; great circle sailing; sextant practice (Mathematics 1 and Astronomy 1 *a* requisite.)

This course enables the student to become familiar with the practical operations of the astronomy of navigation, including both observations and the calculation of them.

### CHEMISTRY

PROFESSORS HARRIS AND HOPKINS, AND MR. CHAPIN

(1 *a*) Fundamental laws. The non-metallic elements and their compounds.

(1 *b*) Metallic elements and their compounds.

(2 *a*) Qualitative analysis of bases and acids and general relations of the metals and acids.

(2 *b*) Separation of bases and analysis of mixed compounds, and general organic chemistry.

(3 *a*) Quantitative determination of simple compounds and separations of mixed substances.

(3 *b*) Mineral analysis and special technical and sanitary analysis.

### MINERALOGY AND GEOLOGY

PROFESSOR EMERSON

(1 *a*) Structural and dynamical geology as illustrated by the region around Amherst. Six excursions required, generally on Wednesday afternoons. Brigham's *Geology*. (Physics 1 and Chemistry 1 requisite.)

(1 *b*) Historical geology, palæontology, physiography. (1 *a* requisite; Biology 1 desirable.)

(2 *a*) Field and laboratory work. Survey of an area of gla-

cial and post-glacial beds. When the weather becomes unfavorable this course is followed by

Descriptive mineralogy, crystallography, determination of minerals, petrography (Moses and Parsons' *Mineralogy*), or by

Advanced Palæontology. Eastman's translation of von Zittel's *Palæontology*. (Geology 1 and Biology 1 requisite.)

(2 b) Survey of an area of Triassic or Crystalline rocks, or

Advanced work in mineralogy, petrography or palæontology. (Map or thesis required.)

## HYGIENE AND PHYSICAL EDUCATION

PROFESSORS HITCHCOCK AND PHILLIPS

(1 a) Personal hygiene; lectures on fundamental laws affecting health. (One hour course.) Pyle's *Personal Hygiene*.

(1 b) Human physiology. Martin's *Human Body, Advanced Course*.

Except in Senior year, light gymnastic drill is required four times a week the first and second terms.

## BIOLOGY

PROFESSOR TYLER AND DR. LOOMIS

(1 a) Evolution of vertebrates.

(1 b) Evolution of invertebrates.

Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structure and affinities of the great divisions of the animal kingdom are investigated.

(2 a) Comparative anatomy of vertebrates. (1 a requisite.)

(2 b) Comparative anatomy of vertebrates and their distribution. (1 a and 2 a requisite.)

(3 a) Development of the child. Prehistoric man (1 a requisite).

(3 b) Vertebrate Embryology. Biological Problems. (1 a requisite).



**GREEK ART**

PROFESSOR H. DEF. SMITH

(1 *a*) Architecture and sculpture, with a study of the remains of the Mycenæan age and an account of the principal excavations. Painting and other lesser Arts will be briefly treated, if time permits. Lectures illustrated by pictures, casts, and lantern slides. Collateral reading, with the assignment of topics for investigation.

**ROMAN AND ITALIAN ART**

MR. WILKINS

(1 *b*) A lecture course, comprising three series of lectures. The lectures of the first series treat briefly of Roman Art. Those of the second series treat briefly of Italian Architecture and Sculpture. The third series consists of thirty-five lectures on Italian Painting of the Renaissance. All lectures are illustrated by the stereopticon. Collateral reading and collateral study of casts and photographs are required. (1 *a* desirable, but not requisite.)

**MUSIC**

PROFESSOR BIGELOW

(1 *a*) Elements of music. History of the scales. Sight-reading. Elementary harmony. Chord analysis. Choral and Orchestral work. (Three hours a week. Open to Juniors and Seniors.)

(1 *b*) Chord analysis, Sight-reading and Harmony continued. History of music. Study of Forms. Choral and Orchestral work. (Open to those who have completed first semester.)

(2 *a* and *b*) History of music continued. Form analysis. Musical literature. Choral and orchestral work. (Open to those who have completed first year course.)

Students not electing the above outlined courses, may, on certain conditions, become members of the chorus or orchestra, and receive credit for their work on the college books, subject to the approval of the instructor in charge.



# Clubs and Societies

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## ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish and Italian,—the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. To further the object of the Club regular, informal, weekly meetings are held, foreign dailies and illustrated weeklies are kept on file in the Club Room, which is always open to members, distinguished foreigners are invited to speak in their native tongue under the auspices of the Club, plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

## GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews. Weekly meetings are held, at which German only is spoken.

## LITERARY CLUB

The Literary Club, meeting fortnightly, is organized and conducted by students, but the teachers of English are active members. The purpose of the Club is to increase interest in English literature, to form correct literary opinions, and to promote free discussion of literary subjects. The present year modern authors are considered.

## CHORUS AND ORCHESTRAL WORK

A chorus and orchestra consisting of students, faculty, and citizens of the town and vicinity, after practice extending throughout the college year, render during the Spring term some of the larger musical masterpieces, thus giving all who can sing, or play an instrument, an opportunity for practice and development in the realm of good music. The works given, thus far, are Mendelssohn's Oratorios *St. Paul* and *Hymn of Praise*, Handel's *Dettingen Te Deum*, Mendelssohn's *Hear my Prayer* and the overture to Von Weber's *Freischütz*. Handel's *Messiah*, Beethoven's *Seventh Symphony*, and Mozart's *Zauberflöte Overture* are in preparation. Also a string quartet meets regularly for the study of Chamber music.

## COLLEGE CHOIR

Students at the college who are gifted with good voices, and have experience in singing, may become members of the choir, whenever there are vacancies, and receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such rehearsals as may be appointed.

# The College Library

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THE COLLEGE LIBRARY contains about eighty thousand volumes, selected mainly with reference to purposes of study and thoughtful reading. The object kept constantly in view is to broaden the scope of the work of both teachers and students; and the library is therefore well furnished with books of a general and illustrative character, so that any subject may readily be pursued beyond the limits of text-book or monographic treatment.

The funds available for the increase of the library, and restricted to that use, yield an annual income of about four thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain the encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves in the main library-room. In each section of the room, chairs and tables near the shelves furnish facilities for using the books, and the librarian and assistants are ready to give each applicant all needed help in reading and research. By this means students gradually become familiar with the use of a library, and acquire something of the bibliographic sense indispensable to the genuine scholar. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8.45 A.M. to 9.30 P.M. every day excepting Sundays and holidays. During vacations the library and reading-room are opened regularly once a week, at an hour convenient to the librarians.

By vote of the trustees, the library building bears the name of The Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

# The Mather Art Museum

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FOR purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, as well as the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenaean, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence, while the corresponding space at the west end is filled by a reproduction of Crawford's doors of the Capitol at Washington. This Museum, containing, as it does, copies of a great number of the world's masterpieces of sculpture, is of inestimable value to the College and a worthy memorial to the devoted labors of Professor Mather.

Entrance to the Museum is gained through the central door on the north side of Williston Hall, or through the smaller door, on the same side, leading to the Greek room. It is open every week-day, while College is in session, from the first of May to the first of December, from two to three o'clock P.M.

At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the Library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments: while in the vestibule of the Library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Dr. Henry Lobdell from the walls of the palace of Sardanapalus at Nimroud.

# Laboratories and Apparatus

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NEW laboratories for chemistry and physics have been erected upon the land added to the College campus by gift of Mr. D. Willis James. The chemical laboratory has ample accommodations for all needs of the department. It contains on the first floor a Senior laboratory and balance room for quantitative analysis; also another laboratory, arranged with sixty desks, fitted for the qualitative work of Junior year. Adjacent are the supply rooms. Upon the second floor is a lecture room with accommodation for the largest classes, and adjoining is a commodious room for all preparations and apparatus for lecture experiments. Upon the same floor is a working laboratory for students in general chemistry, where sixty can easily be accommodated at one time. Also on this floor is a laboratory arranged for organic and sanitary work, with a combustion room contiguous. Upon each floor is a convenient recitation room for drill work. A library room is in proximity to the work of the more advanced students. In the well-lighted basement are store-rooms for glassware, chemicals and acids, an assay room, a gas analysis room, and a workshop.

On the main floor of the physical laboratory is a large lecture room, provided with a variety of arrangements to aid in demonstrations. Immediately adjoining the lecture room is an apparatus room with a valuable and complete collection for lecture illustration. There are also on this floor a library and reading room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a

spectroscope room equipped with a powerful concave-grating spectroscope. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power. Throughout the building slate shelves and brackets are built into the walls to secure steadiness, and in the basement are substantial piers. The collection of apparatus includes many instruments of precision suitable for investigation as well as instruction.

The biological laboratory is connected with the Appleton Cabinet. On the first floor is the large recitation room, containing the study collections of animals and a full local herbarium. The collection is illustrated by a set of Leuckart's wall charts. Adjoining the recitation room is the reading room, or department library. This library, the gift of former students in the department, contains at present about two hundred and fifty volumes, and includes two or more copies of the larger and more expensive text-books and books of reference. The student is thus enabled to study the specimen with the best charts and books of reference immediately within his reach. On the south side of the second floor is the large laboratory for beginners, where sixty men can find place and light to work at the same time. With few exceptions, however, each division is limited to twelve students. On the north side is the laboratory for advanced work, with accommodations for about twenty students. Both laboratories are abundantly supplied with microscopes, microtomes, and all needed instruments.



# The Observatory

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THE Observatory and its equipment are maintained both for educational purposes and for original research. The old Observatory, built in 1847 on the College grounds, has been dismantled and is no longer used.

A bequest of the late Charles T. Wilder of Wellesley Hills, supplemented by a gift of Mr. D. Willis James of New York, has enabled the Trustees to acquire an excellent site near the College, upon which the new Observatory, with a thoroughly modern equipment, is now in process of erection. The architects are Messrs. McKim, Mead and White, and ground was broken the 2d of May, 1903; the corner-stone was laid the 23d of June, and the building is now two-thirds finished. The large dome is thirty-three feet in diameter, and is to house an eighteen-inch telescope which Alvan Clark & Sons have already well advanced toward completion. The small dome is to contain a twelve-inch photographic telescope, also in process of construction. The observatory equipment comprises a twelve-inch reflector, the gift of Rev. A. J. Lyman, D.D., of Brooklyn, and built by his father; a six-inch Edgecomb reflector, the gift of Mr. Leonard W. Pope of the class of 1902; a seven and one fourth inch refractor (the first instrument ever built and completely mounted by the Clarks), an altazimuth, two transits with the usual accessories for meridian observations, surveying and engineering instruments, and much other apparatus in large part photographic and chiefly of use on eclipse expeditions.

The library of Amherst College Observatory contains about twelve hundred volumes. The amount contributed by alumni and friends of the College for the Observatory, its equipment,

the site, and Observatory House, the Director's residence, exceeds \$75,000. The land included in the Observatory property is about seven and one half acres. Adjoining property owned by the College, and which may be regarded as additional protection, approaches thirty acres in extent.

Connected with the Observatory is the division of practical meteorology.

The Observatory has in addition the usual nautical instruments for instruction in the theory and practice of navigation.

# The Natural History Collections

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THE Woods Cabinet is named in honor of its principal donor, the late Hon. Josiah B. Woods of Enfield. It contains all the geological collections of the College, consisting of the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection; comprising in all about twenty-five thousand specimens.

In the Appleton Cabinet, named in honor of the late Hon. Samuel Appleton of Boston, are the Hitchcock ichnological collection, the Gilbert museum of Indian relics, and the Adams zoölogical collection.

In the ichnological collection, named after President Hitchcock, are to be found about fourteen hundred specimens, containing at least twenty thousand tracks of animals in stone, together with plaster and clay casts of tracks of living and extinct species of animals. The museum of Indian relics receives its name from the Hon. George Gilbert of Ware, by whose liberality it was mainly established. It comprises about thirty-five hundred specimens of the stone implements of extinct Indian tribes, principally those who lived in the Connecticut valley. The zoölogical collection was originally gathered and arranged by Professor Charles B. Adams. It comprises prepared specimens of animals and their habitations, and dried plants, representing all the great groups of the animal and vegetable kingdoms. In the department of shells it is particularly extensive and valuable. A collection in comparative osteology, and the clastic models of Auzoux, are incorporated with the zoölogical collection. The collections arranged in these several cabinets contain more than

one hundred thousand specimens of the animal, mineral, and vegetable kingdoms.

By the gift of the Hon. Elbert E. Farman, LL.D. of Warsaw, New York, the College possesses Audubon's celebrated collection of birds, amounting in all to about six hundred specimens. Many of these are the typical specimens by which the species were determined, and about one hundred have been mounted for exhibition in the Appleton Cabinet. Also, there have been added to this collection by the same donor several of the rarer California birds which have been discovered since the death of Audubon.

The cabinets are open to the public every week-day from three to four P.M.

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## The Pratt Gymnasium

THE new building bears the name of the Pratt Gymnasium, in honor of Charles M. Pratt of New York, of the class of 1879. The main hall affords ample space for a class to receive drill practice with light apparatus, and to execute certain marching movements. The equipment of specialized apparatus is complete, and enables a large number of students to take individual and voluntary exercise simultaneously. The facilities of the dressing-room and the bathing-rooms are abundant.

On the main floor are the rooms of the Professor of hygiene, and apartments for the examination and measurement of students, well equipped with the anthropometric apparatus necessary for this purpose. The two physicians of the College are in daily attendance, to give their personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a billiard-room, open during a portion of each week-day. In the basement are the

bowling-alleys, a sparring-room, and base-ball cage. During term-time the gymnasium is open every week-day from 8.15 A.M. to 6 P.M. and for special purposes in the evening, at such hours as may be permitted by the department.

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## The Pratt Field and Recreation Grounds

THE PRATT FIELD, an area of about thirteen acres, less than a third of a mile from the College chapel, and superbly located on the eastern slope of the Connecticut valley, is the gift of Frederic B. Pratt of New York, of the class of 1887. Immediately adjacent to this field is Hallock Park, an original forest of six acres. These grounds are intended not merely for those who compete in games, but are arranged for outdoor recreation of all the students of the College. The control of the field and of the financial matters of the athletic associations is vested in the Amherst College Athletic Board, on which are representatives of the faculty, alumni, and undergraduates.

The field for athletics has been graded to an exact level. It is provided with a well laid quarter-mile track and spaces for the field-contests of modern athletics. Ample provision is made for the base-ball diamond and the foot-ball grounds. The new grand stand seats about five hundred, and furnishes standing room for as many more. Provision is made for the needs of those who use the grounds, in dressing-rooms, bath-rooms, and store-rooms. It has been the aim of the donor to give to the College a beautiful and commodious field, for rendering thoroughly enjoyable the out-of-door exercise which Amherst encourages in physical training.

## The Pratt Health Cottage

**I**N a retired location both elevated and healthful, three-fourths of a mile northeast from the College grounds, has recently been erected a building known as the Pratt Health Cottage, the joint gift of George D. Pratt of the class of 1893, Herbert L. Pratt of the class of 1895, and John T. Pratt of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physicians have general charge of all cases in the infirmary, except that any student is at liberty to employ a physician of his own choice and school of medicine, so far as is allowed by the laws of this state. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. A matron in attendance upon the Cottage is ready at all hours during term-time to relieve sick or disabled students, and provide for their urgent necessities, pending any arrangement for especial treatment. The cost to each patient is only a charge sufficient to defray such expense as may be incurred by his being an inmate of the Cottage. Provision is made for the expenses of a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D. of the class of 1844, one in memory of President William S. Clark, LL.D. of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D. of the class of 1834.

# Dormitories

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THE rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. Dry sub-cellars insure perfect ventilation. The buildings are heated with steam and there are tiled open fireplaces in most of the rooms. The floors of carefully matched hard wood may be left uncarpeted and used with rugs. On the second floor of each half of each dormitory there is a bath room with all modern appointments. Set marble basins with modern plumbing and running water are supplied in each room. The halls are lighted with gas, and the prices named for room-rent include heat, water, and care of the rooms by capable janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date members of college may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one-quarter on engaging the room, one-quarter on the first of October, and the balance on the first of March.

## NORTH COLLEGE

### NORTH ENTRY

*First Floor:* No. 1, \$90; No. 2, \$80; No. 3, \$80; No. 4, \$90.

*Second Floor:* No. 5, \$115; Nos. 6 and 6A, \$135; No. 8, \$120; Room D, \$55.

*Third Floor:* No. 9, \$115; No. 10, \$90; No. 11, \$90; No. 12, \$120; Room E, \$60.

*Fourth Floor:* No. 13, \$110; No. 14, \$85; No. 15, \$85; No. 16, \$115; Room F, \$55.

## SOUTH ENTRY

*First Floor:* No. 17, \$80; No. 19, \$85; No. 20, \$80; No. 18, \$85.

*Second Floor:* Nos. 21 and 21A, \$135; No. 22, \$115; No. 23, \$120; Room A, \$55.

*Third Floor:* No. 25, \$90; No. 26, \$115; No. 27, \$120; No. 28, \$90; Room B, \$60.

*Fourth Floor:* No. 29, \$85; No. 30, \$110; No. 31, \$115; No. 32, \$85; Room C, \$55.

## SOUTH COLLEGE

## NORTH ENTRY

*First Floor:* No. 1, \$85; No. 2, \$65; No. 2A, \$40; No. 3, \$40; No. 4, \$85. (Nos. 2 and 2A should rent as a suite, and No. 3 may rent with them.)

*Second Floor:* No. 5, \$115; Nos. 6 and 6A, \$135; No. 7, \$55; No. 8, \$120.

*Third Floor:* No. 9, \$115; No. 10, \$90; No. 10A, \$50; No. 10B, \$45; No. 11, \$60; No. 12, \$120. (Nos. 10, 10A, and 10B should rent as a suite; or Nos. 10 and 10A may be rented together, and No. 10B and No. 11 may be rented as a suite.)

*Fourth Floor:* No. 13, \$110; No. 14, \$80; No. 14A, \$50; No. 14B, \$45; No. 15, \$55; No. 16, \$115. (Nos. 14, 14A and 14B should rent as a suite; or Nos. 14 and 14A may be rented together, and No. 14B may be rented with No. 15 as a suite.)

## SOUTH ENTRY

*First Floor:* No. 17, \$80; No. 18, \$95; No. 19, \$95; No. 20, \$80.

*Second Floor:* Nos. 21 and 21A, \$135; No. 22, \$125; No. 23, \$125; Room A, \$55.

*Third Floor:* No. 25, \$95; No. 26, \$125; No. 27, \$125; No. 28, \$95; Room B, \$65.

*Fourth Floor:* No. 29, \$90; No. 30, \$120; No. 31, \$120; No. 32, \$90; Room C, \$60.



# Administration

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## TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time, divided into the Autumn, Winter and Spring terms. There is a recess of two weeks beginning three days before Christmas, a recess of two weeks beginning three days before Easter, and a Summer vacation of twelve weeks. Commencement Day is the last Wednesday in June.

A printed schedule of the exercises of the College is published at the beginning of each semester. On Wednesday and Saturday afternoons all exercises are suspended.

## ATTENDANCE AT RECITATIONS AND LECTURES

From class-room exercises five absences are allowed from every three-hour course in each semester. In courses involving more or less than three hours a week and in laboratory courses the number of allowed absences must not exceed one-tenth of the total number\* of exercises. Three tardy marks count as one absence.

A student who has more absences than are allowed in any course must take an examination corresponding to those absences before he can be admitted to the final examination. If he fails on this examination, five one-hundredths for each absence are deducted from his standing in the course. Frequent absences, except for illness, are not permitted.

All students going home to vote have an opportunity to make up for the necessary absences by special recitations or exercises.

### EXAMINATIONS

Examinations are held at the end of each semester, or at intervals during the semester, in all courses. There are no second or make-up examinations after the close of a semester, except in required courses.

A student who has failed in a required course may take a second examination the day before the beginning of the next college year. A Senior who has failed in any course or courses of the second semester may take a second examination in the Senior vacation. A Senior who has failed in any course or courses of the first semester, in case there are no courses that can be substituted the second semester, may take a second examination in the Senior vacation.

No student may anticipate a final examination except by special permission obtained from the Administration Committee.

### DELINQUENCIES

A student who has failed in a required course on a second examination is obliged to repeat it the following year with the next lower class. A student who has failed in an elective course is obliged to repeat it the following year, or may, with the consent of the Administration Committee, substitute another course in one of the two following semesters.

A student who, on account of illness, does not take a final examination may be granted the privilege of a special examination, provided he presents a certificate from one of the College physicians.

## GRADUATION IN LESS THAN FOUR YEARS

## GRADUATION IN THREE YEARS

A student who, by examination, has at entrance credit for two semester courses, may take six courses each semester, besides required work in declamation, debates and hygiene, in order to obtain a degree in three years, provided he maintains an average standing of 75. Written notice of intention to complete the course in three years shall be given at the beginning of the first year.

## GRADUATION IN THREE AND ONE-HALF YEARS

A student may complete the course in three and one-half years by taking after the first year six courses during three semesters and five courses during two semesters, besides required work in declamation, debates and hygiene, provided he maintains an average standing of 75, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one-half years shall be given at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

No student shall take more than the required number of studies in any term in order to shorten the course, or for any other reason, except by permission of the Administration Committee.

## ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each semester ; from the Sunday service, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Registrar, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age,

his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises on account of sickness must be made to one of the College physicians.

### ATTENDANCE AT GYMNASIUM

Four hours a week of physical exercise are required of the Freshman, Sophomore and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after the Fall Athletic Meet. A limited number of students are excused from the required attendance at the Gymnasium while they are actively training for one of the athletic teams of the College.

Each student on entering College is required to take a physical examination.

### PUBLIC EXHIBITIONS

Any club, association, or team of students proposing to give one or more entertainments or exhibitions, before making any contracts or engagements, must present their plans to the Committee on Public Exhibitions who will be ready to confer with the Manager and another representative of the Club or Association, and no engagements shall be made without the approval of the Committee.

No student who has more than one semester delinquency is allowed to take part in any public game or entertainment given by any club, association, or team of students; nor any student whose work in the current term is so unsatisfactory as to call for special action by the Faculty, or the Administration Committee.

No individual student shall compete in athletics outside of Amherst in term-time without first obtaining permission from the Committee.

## TERM BILLS, BOND, AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals amount to one hundred and ten dollars for the year. One-half of the annual charge is due on the first day of October, the other half on the first day of March. A bond of two hundred dollars, with satisfactory surety for the payment of all college bills, must be given to the Treasurer by each student when he enters college.

Each member of the Senior class is required to pay a graduation fee of six dollars.

## LABORATORY FEES

Physics	{	First year, each semester . . . . .	\$5.00
	{	Second and third years, each semester . . . . .	7.00
Biology	{	First year, each semester . . . . .	5.00
	{	Second and third years, each semester . . . . .	8.00
Chemistry	{	First year, first semester . . . . .	5.00
	{	First year, second semester . . . . .	4.00
	{	Second year, first semester . . . . .	10.00
	{	Second year, second semester . . . . .	7.50
	{	Third year, each semester . . . . .	15.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

## EXPENSES

The following table shows three scales of annual expenditures, omitting clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:

	Low	Moderate	Liberal
Tuition . . . . .	\$110	\$110	\$110
Room (one-half) . . . . .	35	55	75
Furniture (annual average) . . . . .	10	20	30
Board thirty-six weeks . . . . .	108	144	160
Fuel and light . . . . .	10	15	25
Washing . . . . .	10	15	25
	<hr/>	<hr/>	<hr/>
	\$283	\$359	\$425

## RELIGIOUS CULTURE

The Christian life of the College finds expression through the College church and the College Young Men's Christian Association. A service for public worship is held in the College church every Sunday morning at quarter before eleven, and there are prayers in the chapel every week-day morning at half-past eight o'clock. There is a prayer-meeting every Thursday evening, and there are class prayer-meetings and classes for the study of the Bible regularly on Sunday.

## PHYSICAL CULTURE

The department of hygiene and physical education is under the charge of two physicians, who keep themselves acquainted with the health of all the students. Soon after he enters College, and twice thereafter during his collegiate course, each student is minutely examined in reference to his strength and physical condition, and advised as to any particular course he should take for the maintenance and increase of his health and strength. A manual of average measurements, together with a record of his own measurements, is given him; also he is directed to the most advantageous use of the ample appliances with which the Pratt Gymnasium and athletic field are provided.

Besides the exercises which every student may take by himself, the members of each class except Seniors regularly exercise together in the gymnasium four times every week, during the Autumn and Winter terms. Unless excused for physical disability, the attendance of every student is required at the gymnasium for the performance of these exercises in light gymnastics.

The results of this system of prescribed gymnastic training pursued in the College have been eminently satisfactory. While hygienists affirm that, as a general rule, the health of a young man from fifteen to twenty-five years of age is apt to decline, the reverse rule is found to prevail with students here. From statis-

tics systematically kept for more than thirty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class, best of all. Moreover, this average is shown to come from improvement in the physical condition of the individual student, and not from absence of those who drop out of the course because physically too weak to complete it.

# Degrees

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## DEGREE OF BACHELOR OF ARTS

CANDIDATES for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, twenty-eight semester-courses. Those candidates who present for admission both ancient languages are required to study those languages the first year. Those who present, in addition to Latin and Greek, a modern language, elementary and advanced, may elect that language the first year, instead of one of the ancient languages. Those who present for admission one ancient language are required to study that language through the first year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

## DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, twenty-eight semester-courses, twelve of which shall be chosen from sciences, mathematics and economics, besides second year German and second year French, Italian or Spanish. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship. A student who presents advanced Latin among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by electing the Latin courses of Freshman year.

## DEGREE OF MASTER OF ARTS

The degree of Master of Arts will be conferred upon Bachelors of Arts of Amherst College who have spent a year in resi-



dence at the college, pursuing a systematic course of liberal, non-professional study, approved by the committee on degrees. Proficiency will be tested by examination or by examination and thesis, as may be determined by the professors under whose direction studies are pursued.

The degree will be conferred upon Bachelors of Arts of this college who have been one year in residence at another college and have fulfilled the requirements indicated in the preceding paragraph.

The degree will be conferred upon Bachelors of Arts of this College, not in residence at the college, who, not less than three years after graduation, have completed a course of liberal, non-professional study approved by the committee on degrees. Proficiency will be tested by examination or by examination and thesis.

Those who complete, at the end of the first semester of Senior year, the requirements for the degree of Bachelor of Arts, may apply the remainder of the year to studies leading to the degree of Master of Arts and finish their studies in non-residence the following year, receiving the degree one year after graduation.

Every resident candidate must register his name and subjects of study with the Registrar not later than October first.

Every non-resident candidate shall register his name and subjects with the Registrar not later than October first preceding the Commencement when the degree is conferred.

Every candidate who completes the requirements for the Bachelor's degree at the end of the first semester of Senior year and applies the remainder of the year to studies leading to the Master's degree shall register his name and subjects not later than December first.

Every resident candidate shall pay the regular tuition for each term of residence, and a diploma fee of five dollars. Every non-

resident candidate shall pay a fee of ten dollars for examination and diploma.

Also, the requirements for the Master's degree may be fulfilled until, but not after the Academic year beginning September, 1904, by (a) a three years' course of professional study at a school of theology, law, or medicine, of approved standing, or (b) three years spent in teaching the higher branches in a classical or scientific school of approved standing, together with evidence of special study of teaching as an art or science, or of some branch of literature, philosophy, history, or science. When application for the degree is made under caption (b), it is expected that the candidate will submit evidence of success in his chosen profession of teaching. All candidates under (a) and (b) are required to present, not later than June 1st, a satisfactory thesis on a subject previously approved by the Faculty.

Communications relative to the requirements for the degree should be addressed to Professor John F. Genung, Chairman of the Committee on Degrees.

### SPECIAL COURSE

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, unless any of those studies have been taken already. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages and History. After the first year all studies are elective.

# Fellowships

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## THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Of two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, will be awarded annually to a member of the Senior class for excellence in history and the social and economic sciences, under conditions determined by the Faculty. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

## THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg, of Green Bay, Wisconsin, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:—

(1) He shall be selected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

The Fellowship was established in 1892. The first incumbent was Arthur H. Pierce, PH.D., of the class of 1888, who was appointed Kellogg Fellow in 1893, studied at the Universities of Berlin, Strassburg and Paris three years, lectured at Amherst College four years on Psychology, and published "Studies in Space Perception," 1901. He is now professor of Psychology in Smith College. The present (second) incumbent is Frank Otis Reed of the class of 1899, who was appointed Kellogg Fellow in 1900, and has pursued studies in the Romance Languages at Madrid and Paris.

#### THE EDWARD HITCHCOCK FELLOWSHIP IN PHYSICAL EDUCATION

This fellowship was founded by Mrs. Frank L. Babbott of Brooklyn, N. Y., in order to promote graduate study in the department of physical education. It is conferred by appointment of the Faculty and pays the holder five hundred dollars per annum. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field.

# Honors

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## COMMENCEMENT EXERCISES

The six Seniors who have attained the highest general standing are appointed to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

## THE PHI BETA KAPPA SOCIETY

Those who at the end of the second term of Junior year have attained a general standing represented by eighty-eight or more, on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the second term of Senior year have attained a general standing represented by eighty-five or more, are elected members of the society.

## FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions :

(1) The candidate must complete the last four semester-courses. Economics and Modern Government may be grouped together to secure four semesters. In History the Junior courses (2 *a, b*) may be reckoned as two of the last four courses, or both parallel courses of Senior year may be so reckoned. The special work of collateral reading or investigation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Faculty.

(2) The candidate must have at graduation an average

standing of not less than eighty in all studies of the college course: a standing of not less than seventy-five in every study of Senior year, and of ninety in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by a thesis, or by both, at the end of Senior year.

(4) The names of successful candidates are announced at Commencement and in the annual catalogue.

(5) Notice of intention to become a candidate must be given to the Registrar by October 10th of the Senior year.

(6) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added to rank.

#### HONORABLE MENTION

(1) There must be a standing of not less than seventy-five in every department for the year.

(2) An average of ninety-three must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention will be announced at Commencement and in the annual catalogue.

# Prizes

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THE following prizes are offered annually for proficiency in the work of several of the departments of collegiate study:—

## GREEK

**The Hutchins Prize** of fifty dollars, to the best scholar in Greek at the end of the Junior year, given by the late Hon. Waldo Hutchins of New York. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

## LATIN

**The Bertram Prizes** of fifty, thirty, and twenty dollars respectively, given by the late John Bertram of Salem. These prizes will be awarded for the best essays by Seniors upon the beginnings of Latin philosophical literature and of Latin Christian literature, as illustrated by the *De Rerum Natura* of Lucretius, and the *Liber Apologeticus* of Tertullian, with an excursus on the civilization and language of Roman Africa in the second century A.D.

**The Billings Prizes**, one of thirty dollars, and one of twenty dollars, given by the late Parmly Billings of Billings, Montana, for excellence in the Latin of the Senior year.

**The Law Latin Prize** of ten dollars, for excellence in the Law Latin of the Senior year.

**The Thompson Prizes**, of thirty, twenty, and ten dollars respectively, given by the Rev. Walter Thompson of Garrison's, New York, for the highest scholarship in the Latin of the Junior year, together with especial work.

**The Sophomore Prizes**, one of twenty dollars and one of ten dollars, for the best examinations on portions of the work especially connected with the study of Latin philology, together with general excellence in the work of the year.



**The Freshman Prizes**, one of twenty dollars and one of ten dollars, for the highest scholarship in the work of Freshman year. The award will generally be determined by the regular recitations and examinations, but a special examination may be required.

### ENGLISH

**The Kellogg Prizes**, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of Green Bay, Wisconsin, for excellence in declamation.

**The Hardy Prizes**, the first prize of thirty dollars, the second prize of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking. These prizes are awarded in Commencement week.

**The Hyde Prize** of one hundred dollars, given by Benjamin D. Hyde of Boston, in memory of his father, Henry D. Hyde, for many years a Trustee of Amherst College, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

**The Bond Prize** of one hundred dollars, given by the late Ephraim W. Bond of Springfield, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

**The Kent Prize in English Literature** of one hundred dollars, given by Daniel Kent of Worcester, for the best essay upon an assigned subject. The essay for 1904 may be written upon any one of the following subjects: (1) The Place of Poe in American Literature; (2) The Modern Celtic Movement; (3) The Dramas of Byron.

**The Ladd Prizes** of fifty dollars in books, given by J. W. Ladd of Portland, Oregon, to members of the class in public speaking who excel in oratorical composition the first semester of Junior year.

**The Armstrong Prizes** of one hundred dollars in books, given by Collin Armstrong of New York, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman Class who excel in composition.



## BIBLICAL LITERATURE

**The Boynton Term Prizes** of thirty dollars, given by the family of the late Eleazar Boynton of Medford, to encourage personal study and investigation of the Bible. These prizes are divided into three of ten dollars each, and are awarded, one at the end of each term, to the student who writes the best essay on an assigned topic covering the work of the term. No award will be made in case all the essays submitted are found unsatisfactory.

## MATHEMATICS, PHYSICS, AND ASTRONOMY.

**The Walker Prizes**, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, one of eighty and one of forty dollars, are awarded for excellence in the mathematics of Sophomore year.

Two prizes, one of fifty and one of thirty dollars, are awarded for excellence in the mathematics of Freshman year.

The award in each case is determined by an examination.

**The Porter Prize** of thirty dollars, given by the late Eleazar Porter of Hadley, for highest scholarship in physics and astronomy. This award is made at the conclusion of the collegiate course, and is determined by the record of all recitations and examinations in these departments.

**The A. C. James Navigation Prize** of fifty dollars, for highest excellence in the course in navigation.

## NATURAL SCIENCE

**The Shepard Mineralogical Prizes** of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, to members of the Senior class for greatest excellence in the department of mineralogy.

**The Sawyer Prize**, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer of Easthampton, for the best work in human anatomy and physiology.

**The A. Lyman Williston Prize** of fifteen and ten dollars, given by A. Lyman Williston of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

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### THE PORTER ADMISSION PRIZE

**The Porter Admission Prize** of fifty dollars, given by the late Eleazar Porter of Hadley, to the candidate who passes the best examination for admission to the Freshman class, in the classical course. The name of the successful candidate, together with that of the school at which or the instructor with whom he prepared for college, is published in the catalogue. Competition for this prize is limited to students who present for admission the full requirements in Latin and Greek.

### OTHER PRIZES

**The Leland Prize** of one hundred dollars, given by Dr. George A. Leland of Boston, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

**The Ladd Prizes**, the sum of one hundred dollars, given by William M. Ladd of Portland, Oregon, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

**The Woods Prize** of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the collegiate course.

## Scholarship and Beneficiary Aid

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THE beneficiary funds of the College exceed two hundred and eighty-five thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually by a committee of the Faculty, among students of high character and good scholarship who need pecuniary aid.

In this distribution the following general rules are observed : —

No aid from beneficiary funds is given to (*a*) students who fail to maintain a high standard of honor in college life ; (*b*) students who are delinquent in any subject at the time of their application ; (*c*) students whose average rank for the year preceding their application has been below seventy per cent ; (*d*) students whose habits are not economical ; (*e*) students who enter the College for special courses of study, without reference to a degree.

Awards from beneficiary funds are paid in two instalments on the first of October and March respectively, when the college term-bills become due ; but the second instalment of these awards is payable only on condition that the applicant is free from all delinquencies in his college work at the end of the first semester.

The receipt of financial assistance for a given year establishes no claim to a subsequent award.

Applicants for beneficiary aid in the three upper classes must file at the Registrar's office before the first of October a certified statement of their resources for the current academic year, together with three letters of recommendation, giving evidence of their need, attainments, and character. In place of the above specified letters of recommendation, applicants for the renewal of such aid must present a certified account of their expenditures and income for the year preceding their application.

Upon nomination by the principal or teacher who prepared them for college, a limited number of applicants of exceptional

ability and good character may be assured, in advance of the opening of the college year, of awards varying from fifty to one hundred dollars, according to their need and attainments. Candidates for the Christian ministry may be assured of awards covering full tuition, one hundred and ten dollars, provided their character and scholarship command the confidence of the committee. Assured awards are not payable unless the applicant is free from entrance conditions on the first of October. Blanks for scholarship applications may be obtained of the Registrar; and applications must be accompanied by three letters of recommendation, giving evidence of the applicant's character and attainments, and especially of his need of pecuniary aid. No awards to the entering class will be announced before the first of May.

Awards are made from the income of the following funds:—

**The Charitable Fund**, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

**The Stone Scholarship Fund**, \$25,000.

**The Class of 1871 Scholarship Fund**, \$25,000, established by a member of the Class.

**The William Hilton Scholarship Fund**, \$17,500, the bequest of William Hilton of Boston.

**The Whitcomb Scholarship Fund**, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

**The Hitchcock Scholarship Fund**, \$10,000, established by Samuel A. Hitchcock of Brimfield.

**The Day Benevolent Fund**, \$5000, the bequest of Moses Day of Boston.

**The Seymour Scholarship Fund**, \$5000, the bequest of James S. Seymour of Auburn, New York.

**The John E. Sanford Class-of-1851 Scholarship Fund**, \$5000, established by John E. Sanford of Taunton.

**The Farnsworth Scholarship Fund**, \$3000, established by Isaac D. Farnsworth of Boston.

**The Knowles Scholarship Fund**, \$3000, the bequest of Lucius J. Knowles of Worcester.

**A Scholarship Fund**, \$3000, established by a friend of the College.

**The Reed Scholarship Fund**, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

**The Harold Ely Morse Memorial Scholarship Fund**, \$2500, established by the family of Professor Anson D. Morse.

**The Class of 1877 Scholarship Fund**, \$2500, established by the Class.

**The Persian Scholarship Fund**, \$2000, the bequest of Rev. James L. Merri-  
rick of Amherst.

**The Charles Merriam Scholarship Fund**, \$2000, established by Charles  
Merriam of Springfield.

**The Quincy Tufts Scholarship Fund**, \$2000, the bequest of Quincy Tufts  
of Boston.

**The Henry Gridley Class-of-1862 Scholarship Fund**, \$2000, established by  
the Class in memory of their classmate whose name it bears.

**The Borden Scholarship Fund**, \$2000, the bequest of Samuel Augustus  
Borden of Boston.

**The Anderson Scholarship Fund**, \$2000, the bequest of Samuel Augustus  
Borden of Boston.

**The W. Eugene Kimball Scholarship Fund**, \$2000, established by Robert  
J. Kimball of Brooklyn, New York.

**A Scholarship Fund**, \$2000, established by a friend of the College.

**The Alexander H. Bullock Scholarship Fund**, \$1500, established by Alex-  
ander H. Bullock of Worcester, of the Class of 1836.

**The Class of 1836 Scholarship Fund**, \$1500, established by the Class.

**The Class of 1853 Scholarship Fund**, \$1500, established by the Class.

**The Class of 1871 Scholarship Fund**, \$1400, established by the Class.

**The Class of 1826 Scholarship Fund**, \$500, established by two members of  
the Class.

**The Class of 1844 Scholarship Fund**, \$500, established by three members  
of the Class.

Thirty scholarship funds of \$1000 each, as follows : —

**The Levi Russell Scholarship Fund**, established by Levi Russell of Had-  
ley.

**The Tuttle Scholarship Fund**, the bequest of Mrs. Sarah Tuttle of Way-  
land.

**The George Cook Scholarship Fund**, established by George Cook of Keene,  
New Hampshire, of the Class of 1841.

**The Enos Dickinson Scholarship Fund**, established by Enos Dickinson of  
Amherst.

**The John C. Newton Scholarship Fund**, established by John C. Newton  
of Worcester.

**The James H. Newton Scholarship Fund**, established by James H. Newton of Holyoke.

**The Johnson Class-of-1823 Scholarship Fund**, established by A. J. Johnson of New York City.

**The Southworth Class-of-1822 Scholarship Fund**, established by Wells Southworth of New Haven, Connecticut.

**The Joseph Carew Scholarship Fund**, established by Joseph Carew of South Hadley.

**The Gregory Class-of-1850 Scholarship Fund**, established by James J. H. Gregory of Marblehead.

**The Dolly Coleman Blake Scholarship Fund**, the bequest of Dolly Coleman Blake of Boston.

**The Miller Scholarship Fund**, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller, of the Class of 1869.

**The Green Scholarship Fund**, the bequest of Rev. Henry Solomon Green of Andover, of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

**The Thomas Hale Scholarship Fund**, established by Mrs. Alice T. March of Newburyport.

**The Mary W. Hyde Scholarship Fund**, the bequest of Mary W. Hyde of Boston.

**The Sarah B. Hyde Scholarship Fund**, the bequest of Sarah B. Hyde of Boston.

**The W. S. Tyler Class-of-1830 Scholarship Fund**, the bequest of Professor William Seymour Tyler of Amherst.

**The Class Scholarship Funds**, established by and bearing the names, respectively, of

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

**The Composite Scholarship Fund**, established jointly by the following Classes:—

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

Scholarship funds yielding the following amounts annually:—

**The Moore Scholarships**, three of \$140 each, established by Rev. Zephaniah Swift Moore, D.D., first president of the College.

**The State Scholarships**, three of \$110 each, covering full tuition.

**The Adams Scholarships**, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

Also the following scholarships maintained by annual gifts : —

**The Sayles Scholarship**, \$100, given by Fred Thomas Sayles of the Class of 1881.

**The A. Lyman Williston Scholarship**, \$50, given by A. Lyman Williston of Northampton.

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## Student Loan Fund

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THROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship, not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.



## Publications

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THE annual catalogue is issued in December and is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of all alumni, indicating degrees received and positions held, is issued once in five years.

A weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs is issued by an editorial board of students.

*The Literary Monthly*, conducted by students, contains essays, poems, stories and book notices.

*The Olio*, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.



# Alumni Associations

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## The Society of the Alumni

*(Annual Meeting on Commencement Day)*

*President:* Rev. DEWITT S. CLARK

*Vice-Presidents:*

The Rt. Rev. FREDERIC D. HUNTINGTON, D.D.  
WILLIAM R. MEAD, LL.D.  
WILLIAM M. LADD, Esq.  
The Very Rev. WILFORD L. ROBBINS, D.D.  
Professor JOHN M. TYLER

*Secretary and Treasurer:*

Professor DAVID TODD, Amherst

*Chairman of Committee on Alumni Trustees:*

ARTHUR H. WELLMAN, Esq., 40 Water St., Boston, Mass.

*Executive Committee:*

Rev. GEORGE E. FISHER, '46  
Dr. EDWARD HITCHCOCK, '49  
Rev. ROBERT M. WOODS, '69  
HENRY P. FIELD, Esq., '80  
Mr. WILLIAM E. PARKER, '84  
Professor JOSEPH O. THOMPSON, '84  
Mr. ARTHUR C. JAMES, '89

## The Association of Boston and Vicinity

*President:* Rev. SAMUEL E. HERRICK, D.D.

*Secretary:* Mr. ROBERT B. METCALF, 93 Summer St.

## The Amherst Association of New York

*President:* WILLIAM R. MEAD, LL.D.

*Secretary:* GROSVENOR H. BACKUS, Esq., 32 Liberty St., New York

**The Association of Lowell**

*President:* Rev. JOHN M. GREENE, D.D.

*Secretary:* Mr. CHARLES W. MOREY, 14 Belmont St.

**The Association of Central Massachusetts**

*President:* Mr. CHARLES E. HILDRETH

*Secretary:* WALTER C. SEELYE, M.D., 49 Pearl St., Worcester

**The Association of Ohio**

*President:* Rev. FRANCIS E. MARSTEN, D.D.

*Secretary:* TOD B. GALLOWAY, Esq., 116 The Hayden, Columbus.

**The Amherst Club of Chicago**

*President:* IRA C. WOOD, Esq.

*Secretary:* Mr. F. K. KRETSCHMAR, 4535 Oakenwald Ave.

**The Association of Baltimore**

*President:* Rev. ARTHUR C. POWELL

*Secretary:* Professor W. B. CLARK, Johns Hopkins University

**The Northwest Association**

*President:* Rev. GEO. R. MERRILL, D.D.

*Secretary:* WALLACE H. DAVIS, Esq., Main Floor, Bank of Commerce Building, Minneapolis, Minn.

**Young Alumni Association of Boston and Vicinity**

*President:* Principal ALFRED E. STEARNS

*Secretary:* BENJAMIN K. EMERSON, Jr., M.D., 49 Pearl St., Worcester

**The Connecticut Valley Association**

*President:* CLIFTON L. FIELD, Esq.

*Secretary:* Mr. WARREN F. HARDY, Springfield Union, Springfield

**The Association of Kansas City**

*President:* Mr. EDWIN FOWLER

*Secretary:*

**The Association of Philadelphia and Vicinity***President :**Secretary :* R. STUART SMITH, Esq., 4102 Locust St.**The Rocky Mountain Association***President :* President W. F. SLOCUM, LL.D.*Secretary :* EDWARD D. UPHAM, Esq., Denver**The Association of Rhode Island***President :* Mr. GEORGE E. CHURCH*Secretary :* W. B. GREENOUGH, Esq., 32 Westminster St., Providence**The Association of Southern California***President :* President GUY W. WADSWORTH*Secretary :* CALVIN E. WOODSIDE, Esq., 405 Currier Building, Los Angeles**The Association of St. Louis***President :* Rev. CORNELIUS H. PATTON, D.D.*Secretary :* Mr. RALPH T. WHITELAW, 3234 Pine St.**The Association of Central New York***President :* Hon. ISRAEL T. DEYO*Secretary :* Mr. J. EDWARD BANTA, Binghamton**The Association of Western New York***President :* WILLARD P. SMITH, Esq.*Secretary :* FRANKLIN W. BARROWS, M.D., 45 Park St., Buffalo**The Association of Arizona***President :* Mr. STUART W. FRENCH**The Association of Cleveland and Vicinity***President :* MOSES M. HOBART, Esq.*Secretary :* Mr. CHARLES W. DISBROW, University Club, Cleveland

## The Phi Beta Kappa Society

*President:* Professor EDWIN A. GROSVENOR, LL.D.

*Corresponding Secretary:*

Professor WILLIAM L. COWLES, M.A.

*Recording Secretary:*

Mr. ALBERT A. LIVINGSTON.

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### RAILROAD CONNECTIONS

The Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

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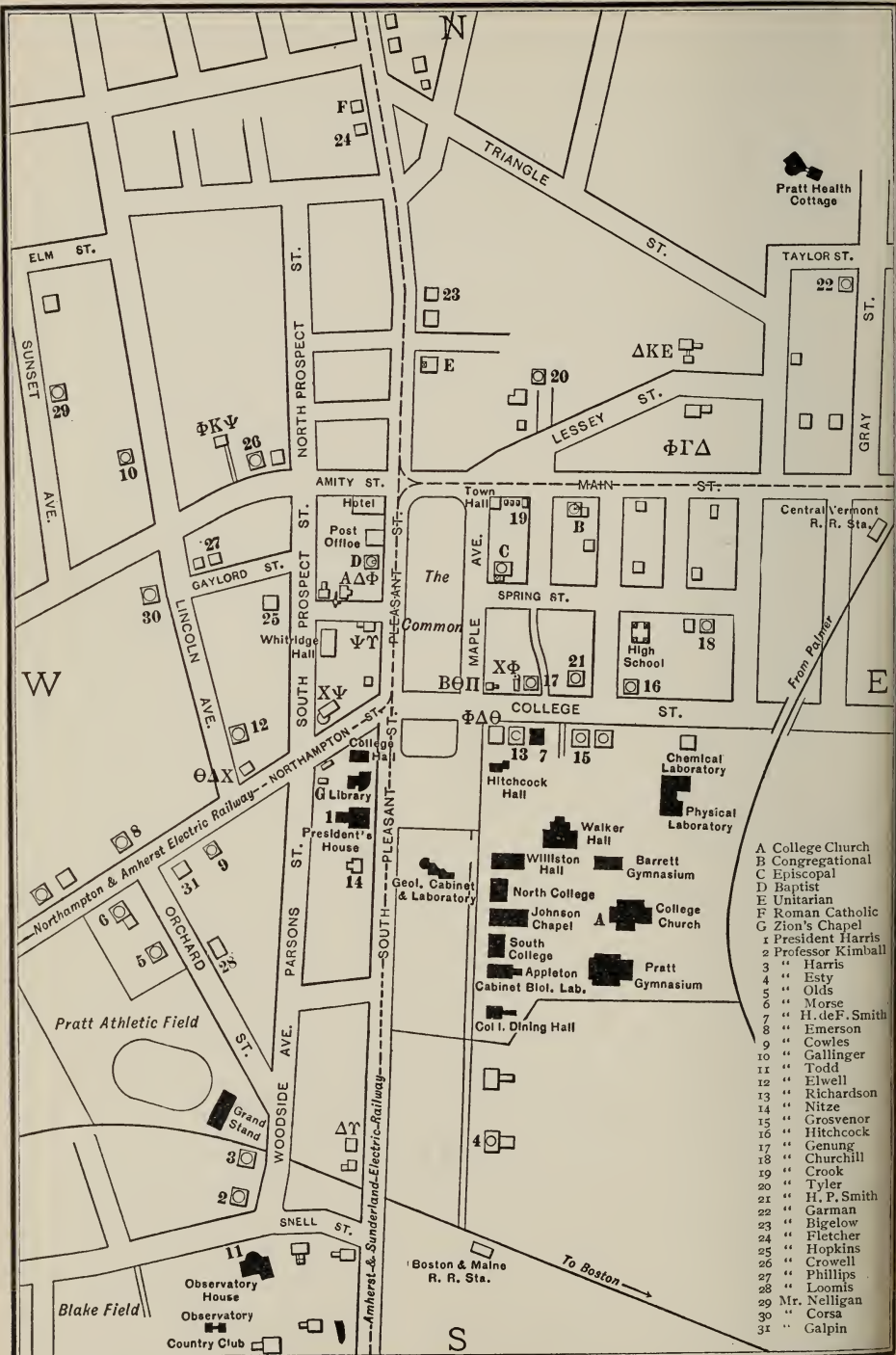
Catalogue

1904—1905





*AMHERST COLLEGE CATALOGUE*



# Amherst College Catalogue

For the Year  
1904—1905



Amherst & Massachusetts  
Published by the College

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1904

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# College Calendar

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1904

September	19-22,	Examinations for admission	Monday to Thursday
September	22,	<b>Beginning of the College Year</b>	11.30 A.M., Thursday
October	6,	Mountain Day, a holiday	Thursday
November	23-25,	Thanksgiving Recess	Wednesday to Friday
December	21,	<b>Christmas Recess begins</b>	12.45 P.M., Wednesday

1905

January	5,	<b>Christmas Recess ends</b>	8.30 A.M., Thursday
February	2-8,	Semi-Annual Examinations	Thursday to Wednesday
February	8,	First Half-Year ends	Wednesday

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February	9,	Second Half-Year begins	Thursday
February	12,	Day of Prayer for Colleges	Sunday
February	22,	Washington's Birthday, a holiday	Wednesday
March	15,	Ladd and Leland Gymnastic Exhibition	Wednesday
March	30,	<b>Spring Recess begins</b>	12.45 P.M., Thursday
April	12,	<b>Spring Recess ends</b>	8.30 A.M., Wednesday
May	30,	Memorial Day, a holiday	Tuesday
June	12-17,	Senior Examinations	Monday to Saturday
June	19-24,	Semi-Annual Examinations	Monday to Saturday
June	20-23,	Examinations for Admission	Tuesday to Friday
June	25,	Baccalaureate Sermon	Sunday
June	26,	Hardy Prize Debate	Monday afternoon
June	26,	Kellogg Prize Declamation	Monday evening
June	27,	Class Day	Tuesday
June	27,	Hyde Prize Orations	Tuesday evening
June	28,	Commencement Exercises	Wednesday forenoon
June	28,	Alumni Dinner	Wednesday afternoon
June	28,	President's Reception	Wednesday evening

## SUMMER VACATION OF TWELVE WEEKS

September	18-21,	Examinations for Admission	Monday to Thursday
September	21,	<b>Beginning of the College Year</b>	11.30 A.M., Thursday
December	20,	<b>Christmas Recess begins</b>	12.45 P.M., Wednesday



## Organization

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AMHERST COLLEGE was opened 19th September 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received 21st February 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforward be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor 28th April 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is The Trustees of Amherst College.

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

# Corporation

---

HON. JOHN E. SANFORD, LL.D. . . . Taunton, Mass.

*President of the Corporation*

REV. GEORGE HARRIS, D.D., LL.D. . . . Amherst, Mass.

*President of the College*

PROFESSOR WILLISTON WALKER, D.D. New Haven, Conn.

*Secretary of the Corporation*

WALTER M. HOWLAND, M.A. . . . Amherst, Mass.

*Treasurer of the Corporation*

G. HENRY WHITCOMB, M.A. . . . Worcester, Mass.

\*REV. E. WINCHESTER DONALD, D.D., LL.D. Boston, Mass.

REV. MICHAEL BURNHAM, D.D. . . . St. Louis, Mo.

REV. WILLIAM HAYES WARD, D.D., LL.D. New York, N. Y.

CHARLES M. PRATT, M.A. . . . Brooklyn, N. Y.

HON. CHARLES H. ALLEN, LL.D. . . . Lowell, Mass.

ARTHUR H. DAKIN, M.A. . . . Boston, Mass.

GEORGE A. PLIMPTON . . . New York, N. Y.

MASON W. TYLER, M.A. . . . Plainfield, N. J.

REV. HENRY H. KELSEY, M.A. . . . Hartford, Conn.

REV. L. MASON CLARKE, D.D. . . . Brooklyn, N. Y.

ARTHUR C. JAMES, M.A. . . . New York, N. Y.

JOHN W. SIMPSON, LL.D. . . . New York, N. Y.

\* Died August 7, 1904.

## Overseers of the Charitable Fund

---

Rev. JOHN M. GREENE, D.D. . . . .	Lowell, Mass.
M. FAYETTE DICKINSON, M.A. . . . .	Boston, Mass.
Professor WILLIAM B. GRAVES, M.A. . . .	Andover, Mass.
JOHN C. HAMMOND, M.A. . . . .	Northampton, Mass.
Rev. ROBERT M. WOODS, M.A. . . . .	Hatfield, Mass.
LEWIS W. WEST . . . . .	Hadley, Mass.
Rev. JAMES W. BIXLER, M.A. . . . .	New London, Conn.

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WALTER M. HOWLAND, M.A., *Commissioner*

# Faculty

---

GEORGE HARRIS, D.D., LL.D.

*President of the College*<sup>1</sup>

EDWARD PAYSON CROWELL, D.D.

*Moore Professor of the Latin Language and Literature*

EDWARD HITCHCOCK, M.D., LL.D.

*Parmly Billings Professor of Hygiene and Physical Education,  
and Dean of the Faculty*

WILLIAM COLE ESTY, LL.D.

*Walker Professor of Mathematics and Astronomy*

ELIJAH PADDOCK HARRIS, PH.D., LL.D.

*Professor of Chemistry*

BENJAMIN KENDALL EMERSON, PH.D.

*Hitchcock Professor of Mineralogy and Geology*

REV. HEMAN HUMPHREY NEILL, M.A.\*

*Professor Emeritus of English Literature*

ANSON DANIEL MORSE, LL.D.

*Winkley Professor of History*

HENRY BULLARD RICHARDSON, M.A.

*Professor of the German Language and Literature*

<sup>1</sup> On the Chester W. Chapin endowment

\* Died June 9, 1904

JOHN MASON TYLER, PH.D.

*Stone Professor of Biology*

CHARLES EDWARD GARMAN, D.D.

*Professor of Mental and Moral Philosophy*

DAVID TODD, PH.D.

*Professor of Astronomy and Navigation,<sup>1</sup> Director of the  
Observatory, and Secretary of the Faculty*

REV. JOHN FRANKLIN GENUNG, PH.D.

*Professor of Rhetoric*

WILLIAM LYMAN COWLES, M.A.

*Professor of Latin*

ARTHUR LALANNE KIMBALL, PH.D.

*Professor of Physics*

GEORGE DANIEL OLDS, M.A.

*Professor of Mathematics*

EDWIN AUGUSTUS GROSVENOR, LL.D.

*Professor of Modern Government and International Law*

REV. HENRY PRESERVED SMITH, D.D.

*Samuel Green Professor of Biblical History and Interpretation  
and Associate Pastor of the College Church*

HARRY DE FOREST SMITH, M.A.

*Professor of the Greek Language and Literature*

LEVI HENRY ELWELL, M.A.

*Associate Professor of Greek, and Instructor in Sanskrit*

<sup>1</sup> On the Sidney Dillon Fund endowment

GEORGE BOSWORTH CHURCHILL, PH.D.

*Associate Professor of English Literature*

JOSEPH OSGOOD THOMPSON, PH.D.

*Associate Professor of Physics*

ARTHUR JOHN HOPKINS, PH.D.

*Associate Professor of Chemistry*

JAMES WALTER CROOK, PH.D.

*Associate Professor of Economics*

PAUL CHRYSOSTOM PHILLIPS, M.D.

*Associate Professor of Hygiene and Physical Education*

WILLIAM PINGRY BIGELOW, M.A.

*Associate Professor of German and Music*

WILLIAM ALBERT NITZE, PH.D.

*Associate Professor of the Romance Languages*

HERBERT PERCIVAL GALLINGER, PH.D.

*Associate Professor of History*

FREDERIC BREWSTER LOOMIS, PH.D.

*Associate Professor of Biology*

RICHARD FRANCIS NELLIGAN

*Instructor in Gymnastics and Athletics*

ARTHUR HENRY BAXTER, PH.D.

*Instructor in the Romance Languages*

WILLIAM JESSE NEWLIN, M.A., M.E.

*Walker Instructor in Mathematics*

ROBERT MACFARLANE CHAPIN, B.A.

*Instructor in Chemistry*

JOHN ERSKINE, PH.D.

*Instructor in English*

JOHN CORSA, B.A.

*Instructor in Logic and Public Speaking*

STANLEY LEMAN GALPIN, PH.D.

*Instructor in the Romance Languages and Latin*

---

PROFESSOR GEORGE E. WOODBERRY

*Lecturer on English Literature*

PROFESSOR JOHN B. CLARK, LL.D.

*Henry Ward Beecher Lecturer on Economics*

FRANK OTIS REED, B.A.

*Lecturer on the Rufus B. Kellogg University Fellowship*

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WILLIAM ISAAC FLETCHER, M.A.

*Otis Librarian*

ALFRED SHEPARD GOODALE, B.A.

*Registrar, Instructor in Botany*

HARRY WELTON KIDDER, B.A.

*Assistant to the Treasurer*

## Committees of the Faculty

---

**Administration :** The PRESIDENT, Professors RICHARDSON, H. DE F. SMITH, PHILLIPS, COWLES.

**Library :** The PRESIDENT, Professors TYLER, COWLES, KIMBALL, H. DE F. SMITH, GENUNG, GROSVENOR, the TREASURER.

**Catalogue :** The PRESIDENT, Professors HITCHCOCK, TODD, H. DE F. SMITH.

**Entrance Examinations :** Professors COWLES, KIMBALL, OLDS, GENUNG, ELWELL, HOPKINS, BIGELOW, NITZE, Dr. GALLINGER, the REGISTRAR.

**Certificate Privilege :** The PRESIDENT, Professors CROWELL, HOPKINS.

**Curriculum :** The PRESIDENT, Professors ESTY, HARRIS, EMERSON, GENUNG, MORSE, RICHARDSON, GARMAN, COWLES, KIMBALL, H. DE F. SMITH, CROOK.

**Scholarship and Beneficiary Aid :** The PRESIDENT, Professors HITCHCOCK, TYLER, COWLES, H. P. SMITH.

**Student Loan Fund :** The PRESIDENT, Professor TODD, the TREASURER.

**Monitors :** Professors HITCHCOCK, CROWELL, the REGISTRAR.

**Public Exhibitions :** The PRESIDENT, Professors HITCHCOCK, GROSVENOR, CHURCHILL, THOMPSON, PHILLIPS, CROOK.

**Commencement :** Professors HITCHCOCK, TODD, Mr. KIDDER.

**Degrees :** The PRESIDENT, Professors GENUNG, CROOK.

**Preachers and Public Worship :** The PRESIDENT, Professor H. P. SMITH.

**Alumni Teachers' Exchange :** Professors RICHARDSON, TYLER, GARMAN, GENUNG, COWLES, OLDS, the REGISTRAR.



# College Preachers

1903-1904

---

Mr. ROBERT E. SPEER . . . . .	New York, N. Y.
Pres. CHARLES CUTHBERT HALL, D.D. . .	New York, N. Y.
HAMILTON W. MABIE, LL.D. . . . .	New York, N. Y.
Rev. HENRY E. COBB, D.D. . . . .	New York, N. Y.
Bishop ALEXANDER H. VINTON, D.D. . .	Springfield, Mass.
Rev. AMORY H. BRADFORD, D.D. . . .	Montclair, N. J.
Very Rev. WILFRED L. ROBBINS, D.D. . .	New York, N. Y.
Rev. SAMUEL D. McCONNELL, D.D. . . .	New York, N. Y.
Pres. WM. DEW. HYDE, D.D., LL.D. . . .	Brunswick, Me.
Rev. HARRY P. DEWEY, D.D. . . . .	Brooklyn, N. Y.
Pres. ANDREW V. RAYMOND, D.D. . . .	Schenectady, N. Y.
Rev. ROCKWELL H. POTTER . . . . .	Hartford, Conn.
Prof. WM. D. MCKENZIE, D.D. . . . .	Hartford, Conn.
Rev. HERBERT A. JUMP . . . . .	Brunswick, Me.
Pres. HENRY HOPKINS, D.D., LL.D. . .	Williamstown, Mass.
Rev. FRANK J. GOODWIN . . . . .	Pawtucket, R. I.
Rev. GEORGE A. GORDON, D.D. . . . .	Boston, Mass.
Rev. ALEXANDER MCKENZIE, D.D. . . .	Cambridge, Mass.
Rev. ALBERT J. LYMAN, D.D. . . . .	Brooklyn, N. Y.
Rev. SAMUEL E. HERRICK, D.D. . . . .	Boston, Mass.
Rev. JOHN T. STONE . . . . .	Baltimore, Md.
Rev. L. MASON CLARKE, D.D. . . . .	Brooklyn, N. Y.
Rev. WM. MERLE SMITH, D.D. . . . .	New York, N. Y.
Rev. G. GLENN ATKINS . . . . .	Burlington, Vt.
Rev. WILLIS H. BUTLER . . . . .	Northampton, Mass.
Rev. EDWARD F. SANDERSON . . . . .	Providence, R. I.

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President HARRIS, Professors SMITH and GENUNG.

## Fellows and Graduates

---

FRANK OTIS REED, B.A. (1899) . . . . Amherst, Mass.

*Rufus B. Kellogg University Fellow*

ELY OTHMAN MERCHANT, B.A. (1904) . Mt. Hermon, Mass.

*Roswell Dwight Hitchcock Memorial Fellow in History*

JOSEPH BARTLETT EASTMAN, B.A. (1904) . . Boston, Mass.

*South End House Fellow*

FRED LORING THOMPSON, B.S. (1904) . . . Amherst, Mass.

*Edward Hitchcock Fellow*

RAYMOND HENRY STOWELL, B.S. (1904) . . Amherst, Mass.

*Assistant in Geology*

ROBERT HORACE BAKER, B.A. (1904) . . . Amherst, Mass.

*Student in Astronomy*

# Senior Class

Anderson, John Garfield	<i>Cambridge, Mass.</i>	X Φ House
Baily, Edward Ayres	<i>Brooklyn, N. Y.</i>	B Θ II House
Baldwin, Fritz Walter, Jr.	<i>East Orange, N. J.</i>	A Δ Φ House
Bandel, Bernard Bankard	<i>Baltimore, Md.</i>	Φ Γ Δ House
Benedict, William Raiguel	<i>Tombstone, Ariz.</i>	Δ T House
Bennett, Charles Ernest	<i>Ludlow, Mass.</i>	28 Amity St.
Blyth, Charles Reginald	<i>Ashtabula, Ohio</i>	Ψ T House
Bond, Joseph Waldo	<i>Waltham, Mass.</i>	X Ψ Lodge
Bostwick, Curtis James	<i>Oswego, N. Y.</i>	12 Spring St.
Bottomly, Robert James	<i>Worcester, Mass.</i>	Φ Δ Θ House
Broder, Edward William	<i>Rockville, Conn.</i>	B Θ II House
Brown, George Alfred	<i>New Salem, Mass.</i>	Gymnasium
Clark, John Maurice	<i>New York, N. Y.</i>	Δ K E House
Coggeshall, Harold Frederic	<i>Waterville, N. Y.</i>	A Δ Φ House
Cole, Nelson Franklin	<i>Walla Walla, Wash.</i>	31 N. Prospect St.
Crawford, William	<i>Holyoke, Mass.</i>	
Crossett, Edward Clark	<i>Davenport, Ia.</i>	Δ K E House
Crowell, Joseph Dexter	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Derbyshire, Arthur James	<i>Lawrence, Mass.</i>	Δ T House
Diehl, Leonard George	<i>Natick, Mass.</i>	6 Lincoln Ave.
Dyer, Brainerd	<i>Portland, Me.</i>	X Φ House
Edgecomb, Ralph Waldo Emerson	<i>Worcester, Mass.</i>	17 South Prospect St.
Ellis, George William	<i>Monson, Mass.</i>	A Δ Φ House
Freeman, Ralph	<i>Blodgett Mills, N. Y.</i>	Δ K E House
Fuess, Claude Moore	<i>Waterville, N. Y.</i>	A Δ Φ House
Gardner, Edward Hall	<i>Chester, N. J.</i>	Δ T House
Gaylord, Emerson George	<i>Chicopee, Mass.</i>	B Θ II House
Gilbert, James LeRoy	<i>West Brookfield, Mass.</i>	Φ K Ψ House
Gladwin, Harry Williams	<i>Westfield, Mass.</i>	7 Parsons St.
Green, George Henry Bartlett, Jr.	<i>Belchertown, Mass.</i>	Hunt's Block
Greenaway, David Emerson	<i>Indian Orchard, Mass.</i>	Φ Δ Θ House
Grover, Harry Greenwood	<i>Halifax, Mass.</i>	
Hale, Frary, Jr.	<i>Wallingford, Conn.</i>	Θ Δ X House
Hartgrove, Robert Sinclair	<i>Washington, D. C.</i>	C South College

Hayden, Frank Strong	<i>Wyoming, N. Y.</i>	15 North College
Hewitt, Ralph Halladay	<i>New London, Conn.</i>	Φ K Ψ House
Holmes, Vancleve W.	<i>Lima, Ohio.</i>	Φ Δ Θ House
Hopkins, Charles Thomas	<i>Brooklyn, N. Y.</i>	19 Main St.
Hutchings, William Thomas	<i>West Danby, N. Y.</i>	Φ K Ψ House
Joost, Sherman Brownell	<i>Brooklyn, N. Y.</i>	Δ K E House
Judge, Francis Henry	<i>Worcester, Mass.</i>	6 North College
Kelliher, Jeremiah Henry	<i>N. Brookfield, Mass.</i>	69 S. Pleasant St.
Kern, John Frank	<i>Dunkirk, N. Y.</i>	Φ Γ Δ House
Kneeland, Robert Shepherd	<i>Northampton, Mass.</i>	B Θ Φ House
Lynch, Maurice Alphonse	<i>South Hadley Falls, Mass.</i>	
McPhee, James, Jr.	<i>Newton, Mass.</i>	Φ Γ Δ House
McTernan, Charles Clair	<i>Foxboro, Mass.</i>	25 Amity St.
Marsh, Stephen Victor	<i>Corning, N. Y.</i>	B Θ II House
Moon, Ward Clinton	<i>Gravesville, N. Y.</i>	5 Parsons St.
Nash, Alexander Symonds	<i>Chicopee, Mass.</i>	Θ Δ X House
Neill, Mather Humphrey	<i>Amherst, Mass.</i>	18 Northampton Road
Nickerson, Francis Chester	<i>Upper Troy, N. Y.</i>	12 S. Prospect St.
Noble, Albert Frank	<i>Somerville, Mass.</i>	Δ Υ House
Norton, Paul Willard	<i>Woburn, Mass.</i>	Δ Υ House
O'Brien, John Bayley	<i>Brooklyn, N. Y.</i>	15 North College
Odell, Henry Lefavour	<i>Beverly, Mass.</i>	X Φ House
Ottley, William Vrooman	<i>Geneva, N. Y.</i>	X Ψ Lodge
Palmer, Walter Walker	<i>Southfield, Mass.</i>	Θ Δ X House
Parsons, Chauncey Lyman	<i>Northampton, Mass.</i>	8 Spring St.
Patch, Ralph Shattuck	<i>Brattleboro, Vt.</i>	Φ K Ψ House
Peabody, Charles Irving	<i>Danvers, Mass.</i>	Φ Δ Θ House
Pease, Robert Webster	<i>Conway, Mass.</i>	29 N. Prospect St.
Pierce, Franklin Edwin	<i>De Ruyter, N. Y.</i>	5 Parsons St.
Raftery, John Joseph	<i>Worcester, Mass.</i>	Δ Υ House
Rathbun, William Tompkins	<i>Elmira, N. Y.</i>	Α Δ Φ House
Roberts, Alfred Edward	<i>Greene, N. Y.</i>	Δ Υ II House
Rollins, Ralph Eugene *	<i>Des Moines, Ia.</i>	X Ψ Lodge
Rounseville, Wilfred Ellsworth	<i>Attleboro, Mass.</i>	Φ Δ Θ House
Ryan, Elmer Ellsworth	<i>Apalachin, N. Y.</i>	Φ K Ψ II House
Schwab, George	<i>Clinton, Mass.</i>	25 Amity St.
Smith, Gordon Cyril	<i>Webster, S. Dak.</i>	Θ Δ X House
Smith, Philip Mack	<i>Amherst, Mass.</i>	25 College St.
Smith, Verne Waldo	<i>Amsterdam, N. Y.</i>	Φ Δ Θ House
Spaulding, Walter Virgil	<i>Worcester, Mass.</i>	17 South Prospect St.

\* Special Student

Squire, Roger Nelson	<i>New York, N. Y.</i>	Θ Δ X House
Stone, Clarence Nelson	<i>Fryeburg, Me.</i>	Θ Δ X House
Sturgis, Ashley Barnes	<i>Natick, Mass.</i>	19 Main St.
Taylor, John Adams	<i>Westford, Mass.</i>	Φ K Ψ House
Thomas, Charles Frank	<i>Union City, Pa.</i>	2 S. Pleasant St.
Townsend, Winfield Alonzo	<i>Batavia, N. Y.</i>	19 Main St.
Utter, George Benjamin *	<i>Westerly, R. I.</i>	Δ K E House
van Etten, Edwin Hill	<i>Rhinebeck, N. Y.</i>	A Δ Φ House
Warren, Henry Edward	<i>Newton Highlands, Mass.</i>	Θ Δ X House
Weed, Hugh Hourston Craigie	<i>Stamford, Conn.</i>	Ψ T House
Whitney, Stanley Nathan	<i>Westminster, Mass.</i>	Θ Δ X House
Wing, Richard Deland	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Woods, Josiah Bridges	<i>Hatfield, Mass.</i>	Ψ T House

\* Special Student

# Junior Class

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Alden, Lester Fayette	<i>Amherst, Mass.</i>	22 Belchertown Road
Atwood, Roy Lees	<i>Newton Highlands, Mass.</i>	Θ Δ X House
Bale, Frederick Sewall	<i>Asbury Park, N. J.</i>	Ψ Υ House
Behrends, Frederick Rouse	<i>Shelter Island Heights, N. Y.</i>	Ψ Υ House
Bishop, Clifford Monroe	<i>Brooklyn, N. Y.</i>	Ψ Υ House
Bixby, Sidney Tuttle	<i>St. Louis, Mo.</i>	Ψ Υ House
Blatchford, Nathaniel Hopkins, Jr,	<i>Chicago, Ill.</i>	A Δ Φ House
Boyden, Ralph Howard	<i>Foxboro, Mass.</i>	Φ K Ψ House
Brewster, Kingman	<i>Worthington, Mass.</i>	A Δ Φ House
Bridgman, Philip Ashley	<i>Belchertown, Mass.</i>	Δ Υ House
Browne, Edward Kendall	<i>Auburndale, Mass.</i>	Φ K Ψ House
Burrill, Edgar White	<i>North Brookfield, Mass.</i>	Φ Δ Θ House
Butler, Norman Franklyn	<i>Lenox, Mass.</i>	X Ψ Lodge
Carter, George Bradley	<i>Greene, N. Y.</i>	Δ Υ House
Clough, Harvey Burnett	<i>Tolland, Conn.</i>	Pratt Cottage
Cook, Philip Remington	<i>North Attleboro, Mass.</i>	Nash's Block
Crawford, Harry Colvin	<i>Worcester, Mass.</i>	Θ Δ X House
Crook, Francis Delbert	<i>Seattle, Wash.</i>	B Θ Π House
Curran, John Joseph	<i>Holyoke, Mass.</i>	5 Parsons St.
Davenport, William Rufus	<i>Taunton, Mass.</i>	A Δ Φ House
De Forest, John Starr	<i>Auburndale, Mass.</i>	Φ K Ψ House
Delabarre, Everett Merrill	<i>Conway, Mass.</i>	A Δ Φ House
Denio, Fayette Winchester	<i>Springfield, Mass.</i>	B Θ Π House
Dillon, Augustus Ignatius	<i>Cortland, N. Y.</i>	Φ K Ψ House
Dodge, Everett Francis	<i>Beverly, Mass.</i>	Δ Υ House
Downey, Walter Francis	<i>North Brookfield, Mass.</i>	Φ Δ Θ House
Downing, George Bradley	<i>Holyoke, Mass.</i>	13 S. Prospect St.
Draper, Ernest Gallaudet	<i>Washington, D. C.</i>	A Δ Φ House
Draper, Warren Fales	<i>Newton Highlands, Mass.</i>	Θ Δ X House
Ely, Richard Grenville	<i>Frederick, Md.</i>	1 College Ave.
Field, Leonard Dudley	<i>Binghamton, N. Y.</i>	Φ K Ψ House
Forbes, William Trowbridge	<i>Worcester, Mass.</i>	Φ Γ Δ House
Foster, Norman Percy	<i>Washington, D. C.</i>	Θ Δ X House
Fox, George Henry	<i>Detroit, Mich.</i>	A Δ Φ House

Gaunt, Ernest Henry	<i>Methuen, Mass.</i>	X Ψ Lodge
Gilmore, Arthur Harold	<i>Attleboro, Mass.</i>	Φ Δ Θ House
Glasgow, Edgar Wilson	<i>Jackson, Mich.</i>	Δ T House
Godfrey, Francis Joseph	<i>Northampton, Mass.</i>	1 Woodside Ave.
Hale, Arthur Waldron	<i>Hudson, Mass.</i>	B Θ Π House
Hale, William, Jr.	<i>Gananoque, Can.</i>	Φ Γ Δ House
Hall, Clifton Rumery	<i>Danvers, Mass.</i>	Δ T House
Hamilton, James Shelley	<i>Millers Falls, Mass.</i>	19 Main St.
Harris, George, Jr.	<i>Amherst, Mass.</i>	A Δ Φ House
Hartzell, Clinton Harold	<i>Washington, Pa.</i>	1 Woodside Ave.
Hildreth, Ellison Story	<i>Holyoke, Mass.</i>	B Θ Π House
Hitt, Rollin West	<i>Mittineague, Mass.</i>	Φ Γ Δ House
Hollender, Carl Edwin	<i>Brattleboro, Vt.</i>	Δ K E House
Holt, Frank Everett	<i>Temple, N. H.</i>	1 College Ave.
Hooker, Charles Worcester	<i>Amherst, Mass.</i>	5 North East St.
Howe, Gordon Milne	<i>Brooklyn, N. Y.</i>	Δ T House
Howes, Howard Willcutt	<i>Cummington, Mass.</i>	Φ K Ψ House
Hubbard, Walter Palmer	<i>Concord, Mass.</i>	Δ K E House
Kane, Maurice Joseph	<i>Gardiner, Me.</i>	Θ Δ X House
Knapp, Robert Cole	<i>Canandaigua, N. Y.</i>	19 Main St.
Krom, George Sharpe	<i>High Falls, N. Y.</i>	9 Hunt's Block
Lattimer, Gardner	<i>Columbus, Ohio</i>	X Ψ Lodge
Lidell, Burton William	<i>Oneonta, N. Y.</i>	Δ K E House
Love, Lacy Marion	<i>St. Louis, Mo.</i>	Ψ T House
Lowe, Guy Russell	<i>Fitchburg, Mass.</i>	Θ Δ X House
McRae, Edson Alexander	<i>Mansfield, Mass.</i>	Φ Δ Θ House
Matteson, Benjamin Howard	<i>Oneonta, N. Y.</i>	Δ K E House
Mattingly, Robert Nicholas	<i>Washington, D. C.</i>	7 South College
Mellen, Albert Henry	<i>Newton Highlands, Mass.</i>	Ψ T House
Newton, Howard Augustine	<i>Winchester, Mass.</i>	3 Northampton Road
Norris, Walter John	<i>Southampton, Mass.</i>	2 S. Pleasant St.
Norton, George Edward	<i>Hallowell, Me.</i>	Δ K E House
Orrell, Ephraim English, Jr.	<i>Ware, Mass.</i>	Θ Δ X House
Patterson, Shirley Gale	<i>Hartford, Conn.</i>	Φ Γ Δ House
Peacock, Reuben Jeffery	<i>Brooklyn, N. Y.</i>	B Θ Π House
Pethybridge, Charles Edward	<i>Fitchburg, Mass.</i>	Δ T House
Porter, George William	<i>Agawam, Mass.</i>	Φ Γ Δ House
Powell, Robert Carlisle	<i>Poughkeepsie, N. Y.</i>	Φ Δ Θ House
Pugsley, Reginald Martin	<i>Great Neck, L. I.</i>	8 Nash's Block
Rand, Sumner Goldthwait	<i>Providence, R. I.</i>	Θ Δ X House

# Junior Class

21

Richenaker, George Henry	<i>Brockport, N. Y.</i>	Φ Γ Δ House
Roberts, James Walker	<i>Hartford, Conn.</i>	Φ Δ Θ House
Scudder, Elisha Gage, Jr.	<i>St. Louis, Mo.</i>	Ψ Τ House
Shannon, Alonzo Henry	<i>Worcester, Mass.</i>	31 North College
Simonson, Devore Nevius	<i>Port Byron, Ill.</i>	Δ Κ Ε House
Snyder, Morton Ives	<i>Amherst, Mass.</i>	31 Amity St.
Sparrow, Carl Atsatt	<i>Mattapoisett, Mass.</i>	Φ Γ Δ House
Spear, Clarence Adams	<i>Brooklyn, N. Y.</i>	Θ Δ Χ House
Stebbins, Howard Leslie	<i>Springfield, Mass.</i>	Φ Γ Δ House
Stevens, Wilbert Alexander	<i>Chester, N. S.</i>	2 S. Pleasant St.
Storke, Alan Marshall	<i>Auburn, N. Y.</i>	Ψ Τ House
Thayer, Frederick Gilles	<i>Wollaston, Mass.</i>	College Library
Twichell, Edmund Warner	<i>Lockport, N. Y.</i>	Χ Ψ Lodge
Tyler, Mason Whiting	<i>Amherst, Mass.</i>	Ψ Τ House
van Etten, Royal Cornelius	<i>Rhinebeck, N. Y.</i>	Α Δ Φ House
Wales, William Wallace	<i>Newton Centre, Mass.</i>	8 Spring St.
Ward, Mark Hopkins	<i>Amherst, Mass.</i>	Φ Κ Ψ House
Ward, William Earl Dodge	<i>Amherst, Mass.</i>	Φ Κ Ψ House
Webster, William Harvey	<i>Truxton, N. Y.</i>	Α Δ Φ House
Wheeler, Ralph Waldo	<i>Cortland, N. Y.</i>	Φ Κ Ψ House
Williams, Elijah Roberts	<i>Geneva, N. Y.</i>	Φ Δ Θ House
Wing, Newton Cordis	<i>Palmer, Mass.</i>	Β Θ ΙΙ House
Wood, George Arthur	<i>Southampton, Mass.</i>	Φ Κ Ψ House
Wood, George Ernest	<i>Ellington, Conn.</i>	Φ Γ Δ House



# Sophomore Class

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Allaben, Max Fenimore	<i>Polo, Ill.</i>	Φ K Ψ House
Allaire, Leonard Curren	<i>Hatfield, Mass.</i>	B Θ Π House
Allchin, Stanley Danforth	<i>Osaka, Japan</i>	
Amsbury, Joseph Henry	<i>Dorchester, Mass.</i>	8 Spring St.
Andrews, Chester Huston	<i>Walpole, Mass.</i>	Θ K Ψ House
Arnold, Samuel Earl	<i>Brattleboro, Vt.</i>	1 North College
Atwood, Felix Ballard	<i>Brooklyn, N. Y.</i>	12 South College
Averill, Theodore Burton	<i>Flushing, N. Y.</i>	Δ T House
Barlow, Harry Edward	<i>Amherst, Mass.</i>	133 Main St.
Bartlett, Alfred Lewis	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Barton, Bruce Fairchild	<i>Oak Park, Ill.</i>	A Δ Φ House
Beach, Harry Teachout	<i>Burlington, Vt.</i>	15 Nash's Block
Beecher, Daniel	<i>Prescott, Mass.</i>	17 S. Prospect St.
Bell, Roy Whiting	<i>Albany, N. Y.</i>	Ψ T House
Billings, Roswell Graves	<i>Hatfield, Mass.</i>	Φ Γ Δ House
Blanchard, Sidney Cutting	<i>Winchester, Mass.</i>	7 Nash's Block
Boynton, Edward Chadbourne	<i>Detroit, Mich.</i>	X Φ House
Brown, Harold Stuart	<i>Belmont, N. Y.</i>	6 Lincoln Ave.
Carter, Joseph Coleman	<i>Versailles, Ky.</i>	X Ψ Lodge
Cary, George Emerson	<i>Kyoto, Japan</i>	Nash's Block
Chestnut, James LeCount	<i>Washington, D. C.</i>	11 South College
Comins, Harold Harvey	<i>Stafford Springs, Conn.</i>	Δ T House
Conley, William Edward	<i>Brooklyn, N. Y.</i>	Φ Γ Δ House
Connell, James Carl	<i>Baldwinsville, N. Y.</i>	Δ K E House
Crook, Harold Richard	<i>Seattle, Wash.</i>	1 College Ave.
Crowe, John Simpson	<i>Holyoke, Mass.</i>	12 S. Prospect St.
Cumming, Robert Black	<i>Belchertown, Mass.</i>	Physical Laboratory
Dennis, Edward Parker	<i>Erie, Pa.</i>	A Δ Φ House
Dewar, John Innes	<i>Evanston, Ill.</i>	A Δ Φ House
Dorflinger, Charles William	<i>Honesdale, Pa.</i>	X Φ House
Ely, Arthur Edwin	<i>Lee, Mass.</i>	Physical Laboratory
Ferren, Frank A.	<i>Peabody, Mass.</i>	Mt. Pleas. Inst., Hadley
Fletcher, John Lockwood	<i>Amherst, Mass.</i>	X Ψ Lodge
Foster, Clarence Spencer	<i>Hartford, Conn.</i>	College Library

Graham, Chester Campbell	<i>Bloomington, Ill.</i>	8 Woodside Ave.
Greenaway, George, Jr.	<i>Indian Orchard, Mass.</i>	2 S. Pleasant St.
Hall, Edward Twichell	<i>Andover, Mass.</i>	6 Lincoln Ave.
Hartshorne, Hugh	<i>Methuen, Mass.</i>	X Ψ Lodge
Haseltine, William	<i>Bradford, Mass.</i>	Φ Γ Δ House
Hawkes, Walter Ernest	<i>Medway, Mass.</i>	7 Parsons St.
Hay, Harry Robert	<i>Pittsfield, Mass.</i>	B Θ Π House
Hood, George Cooper	<i>Corning, N. Y.</i>	B Θ Π House
Hubbard, John Houghton	<i>Hatfield Mass.</i>	Φ Γ Δ House
Hunter, John Montgomery	<i>Sunbury, Pa.</i>	Ψ Τ House
Irvan, John Lafayette	<i>Hutchinson, Kans.</i>	X Ψ Lodge
Johnson, George Willard	<i>Springfield, Mass.</i>	31 North College
Jones, Roland Jewett	<i>St. Louis, Mo.</i>	Ψ Τ House
Kaine, John Daniel	<i>Brattleboro, Vt.</i>	28 North College
King, Henry Hall	<i>Rutland, Mass.</i>	71 S. Pleasant St.
Kreider, Leslie Eugene	<i>Omaha, Neb.</i>	X Φ House
Lamb, Clarence Alvan	<i>Attleboro, Mass.</i>	15 Nash's Block
Leighton, Frederick	<i>Methol, N. Y.</i>	25 Amity St.
Lewis, Frank Edward Anthony	<i>Wellesley, Mass.</i>	Gymnasium
Little, William Henry, Jr.	<i>St. Louis, Mo.</i>	Ψ Τ House
Locke, Owen Alvin	<i>Northampton, Mass.</i>	B Θ Π House
McChesney, John	<i>Montclair, N. J.</i>	Δ Τ House
McClelland, John Joseph	<i>Westhaven, Conn.</i>	12 South College
Malconian, Malcolm Vartan	<i>Chicopee, Mass.</i>	2 S. Pleasant St.
Meyer, Otto Cleveland	<i>Erie, Pa.</i>	A Δ Φ House
Milligan, John Raymond	<i>Palmer, Mass.</i>	B Θ Π House
Monroe, Samuel Frederic	<i>Cos Cob, Conn.</i>	4 North College
Morton, John Jamieson	<i>Worcester, Mass.</i>	Φ Γ Δ House
Newell, Duncan Hale	<i>Auburndale, Mass.</i>	8 Lessey St.
Oberly, John Shimer	<i>Easton, Pa.</i>	B Θ Π House
Osborn, Henry Sanford	<i>Redding, Conn.</i>	Δ Τ House
Palmer, Herbert Hall	<i>Braintree, Mass.</i>	25 Amity St.
Pond, Walter Franklin	<i>Greenfield, Mass.</i>	Φ Κ Ψ House
Powell, Chilton Latham	<i>Baltimore, Md.</i>	5 South College
Pratt, Elmer Atwin	<i>Housatonic, Mass.</i>	Φ Δ Θ House
Price, Walter Smith	<i>Westerly, R. I.</i>	Δ Κ Ε House
Rand, Albert Edward	<i>Providence, R. I.</i>	A Δ Φ House
Rowe, Harry A.	<i>Amsterdam, N. Y.</i>	Φ Δ Θ House
Searle, Charles Putnam	<i>Honesdale, Pa.</i>	12 Spring St.
Semple, Gilbert Eliot	<i>St. Louis, Mo.</i>	Ψ Τ House

Sheehan, Daniel Francis	<i>Northampton, Mass.</i>	28 North College
Slocum, Charles Pulsifer	<i>Newtonville, Mass.</i>	Δ K E House
Stevens, Clayton Pingree	<i>Northampton, Mass.</i>	32 North College
Sweet, Henry Lewis	<i>West Stockbridge, Mass.</i>	Φ Γ Δ House
Swett, Warren Lincoln	<i>Gloucester, Mass.</i>	4 North College
Taylor, Elvin Clement	<i>Springfield, Mass.</i>	1 North College
Titsworth, Judson, Jr.	<i>Milwaukee, Wis.</i>	X Ψ Lodge
Utter, Henry Edwin	<i>Westerly, R. I.</i>	Δ K E House
Vinal, Charles Albert	<i>Newton Centre, Mass.</i>	X Φ House
Walbridge, Merrell Packard	<i>St. Louis, Mo.</i>	A Δ Φ House
Waller, John Mather	<i>New London, Conn.</i>	Ψ T House
Webb, Paul	<i>New Haven, Conn.</i>	A Δ Φ House
Whitelaw, Robert Malcolm	<i>St. Louis, Mo.</i>	Ψ T House
Willard, John Dayton	<i>Amherst, Mass.</i>	31 Lincoln Ave.
Wilson, Claude Thomas	<i>Waterville, N. Y.</i>	A Δ Φ House
Worcester, James Newbegin	<i>Bloomfield, N. J.</i>	Φ Δ Θ House
Wright, Edward Nims	<i>Northampton, Mass.</i>	20 North College
Wyman, Edmund Allan.	<i>St. Louis, Mo.</i>	Ψ T House

# Freshman Class

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Abbott, Donald Beardsley	<i>Brooklyn, N. Y.</i>	31 South College
Baily, Harold James	<i>Brooklyn, N. Y.</i>	3 Northampton Road
Batstone, Robert Arthur	<i>Plainfield, Mass.</i>	2 S. Pleasant St.
Belcher, Edward Ralph	<i>Plymouth, Mass.</i>	22 North College
Birdsall, Wilfred Thomas	<i>Philadelphia, Pa.</i>	6 Northampton Road
Birge, Julius Stanley	<i>St. Louis, Mo.</i>	8 North College
Black, Lyman Foster	<i>Elgin, Ill.</i>	Amherst House
Blanchard, Cecil King	<i>Quincy, Mass.</i>	5 North College
Bogardus, William Henry	<i>Chicopee Falls, Mass.</i>	30 North College
Bonney, Holbrook	<i>New York, N. Y.</i>	12 Spring St.
Brewster, Osceola Byron	<i>Lake Placid, N. Y.</i>	22 North College
Burg, William Henderson	<i>St. Louis, Mo.</i>	8 North College
Burns, George	<i>Rochester, N. Y.</i>	23 South College
Burt, Frank Allen	<i>Newton Mass.</i>	28 South College
Burt, Philip Hunt	<i>Newton, Mass.</i>	27 South College
Callahan, James Henry	<i>Northampton, Mass.</i>	
Chapin, Warren Storrs	<i>Hartford, Conn.</i>	A Δ Φ House
Clough, Harry Linwood	<i>Brockton, Mass.</i>	3 Northampton Road
Cobb, Perry Rush	<i>Schoolcraft, Mich.</i>	1 South College
Cobb, Sumner Warren	<i>Easthampton, Mass.</i>	77 S. Pleasant St.
Cohen, Edward Carey *	<i>New York, N. Y.</i>	25 Amity St.
Conkling, Roscoe Seely	<i>Newburgh, N. Y.</i>	Δ K E House
Connell, Edgar William	<i>Scranton, Pa.</i>	12 Maple Ave.
Crary, James Howell	<i>Brooklyn, N. Y.</i>	12 Spring St.
Curby, Kenneth Spargo	<i>St. Louis, Mo.</i>	16 North College
Danahey, Michael Ignatius	<i>Amherst, Mass.</i>	28 McClellan St.
Davis, Harry Willard	<i>Greenfield, Mass.</i>	2 South College
Delamater, John Oscar *	<i>Arlington, N. Y.</i>	13 South College
Dewing, Edward Ogden	<i>Brooklyn, N. Y.</i>	1 South College
Dubreuil, Walter William	<i>Worcester, Mass.</i>	6 North College
Dudley, Henry Augustus	<i>Marlboro, Mass.</i>	2 S. Pleasant St.
Dunbar, Arthur Richards	<i>Matfield, Mass.</i>	46 Pleasant St.
Ellis, Dwight Warren	<i>Monson, Mass.</i>	19 Main St.
Elsey, George Crawford	<i>Springfield, Mass.</i>	22 South College

\* Special Student

Feagans, Lonnie Grant	<i>Joliet, Ill.</i>	25 Amity St.
Fleming, James Patterson	<i>Ben Avon, Pa.</i>	14 South College
Flynt, Robert Hussey	<i>Monson, Mass.</i>	11 North College
Forbes, Allan White	<i>Worcester, Mass.</i>	21 South College
Forbes, Howard Carpenter	<i>New York, N. Y.</i>	5 Parsons St.
Gildersleeve, John Andrew	<i>Mattituck, N. Y.</i>	27 North College
Gilpatric, Fred Raymond	<i>Putnam, Conn.</i>	10 North College
Glynn, Edward Hartley	<i>Amherst, Mass.</i>	12 S. Prospect St.
Goddard, Harold Leroy	<i>N. Brookfield, Mass.</i>	69 S. Pleasant St.
Gold, Walter Conkey	<i>Amherst, Mass.</i>	Whitney St.
Graves, Merle Dixon	<i>Granville, Mass.</i>	67 S. Pleasant St.
Graves, Walter Lucien	<i>Granville, Mass.</i>	67 S. Pleasant St.
Hamlin, Marston Lovell	<i>New York, N. Y.</i>	15 Spring St.
Hardy, Clarence Everett	<i>Newtonville, Mass.</i>	27 South College
Hardy, George Elliott	<i>Fitchburg, Mass.</i>	8 Woodside Ave.
Heisey, Tohmas Clarence	<i>Newark, Ohio</i>	25 North College
Henry, Paul	<i>Geneva, N. Y.</i>	6 Northampton Road
Hubbard, Hugh Wells	<i>White Plains, N. Y.</i>	12 Spring St.
Huffman, Rollie Cleveland	<i>Neligh, Nebr.</i>	8 Lessey St.
Hughes, Joseph Huey	<i>Dallas, Tex.</i>	12 Spring St.
Iwaya, Kichizo	<i>Tokio, Japan</i>	8 Woodside Ave.
Jamieson, Philip Starr*	<i>Newtonville, Mass.</i>	32 South College
Jones, Hildeburn	<i>Circleville, Ohio</i>	13 North College
Keith, Harold Chessman	<i>Brockton, Mass.</i>	3 Northampton, Road
Keller, Ralph J.*	<i>Kendallville, Ind.</i>	9 South College
Kennedy, Robert Hayward	<i>Providence, R. I.</i>	14 North College
Keyes, Charles Hubbard	<i>Sterling, Mass.</i>	17 S. Prospect St.
Kidder, Edward Wintrose	<i>Kansas City, Mo.</i>	27 North College
Kimball, Arthur Livingstone	<i>Amherst, Mass.</i>	25 Woodside Ave.
Kimball, William Scribner	<i>Amherst, Mass.</i>	25 Woodside Ave.
Knox, Francis Stratton	<i>Conklin, N. Y.</i>	A South College
Larkin, Edward Pierce	<i>Haydenville, Mass.</i>	
Laubham, Samuel Morton	<i>Haverhill, Mass.</i>	X Φ House
Lewis, Lester McLean	<i>Brooklyn, N. Y.</i>	25 North College
Loomis, Ralph Lane	<i>Bedford, Mass.</i>	30 South College
Luther, Eben, 2d	<i>Springfield, Mass.</i>	16 South College
McLaury, Guy Babcock	<i>Portlandville, N. Y.</i>	7 Woodside Ave.
McMillan, Arthur Douglass	<i>Rockport, Mass.</i>	32 North College
Marcus, Chapin	<i>Montclair, N. J.</i>	23 North College
Marsh, William Judson	<i>Corning, N. Y.</i>	8 Woodside Ave.

\* Special Student

Merrill, Charles Edward	<i>West Palm Beach, Fla.</i>	25	South College
Moulton, Guy Edwin	<i>Brookfield, Mass.</i>	14	North College
Mullen, Edward Bartholomew	<i>Holyoke, Mass.</i>	12	Spring St.
Mulry, Edward John	<i>Methuen, Mass.</i>	29	North College
Mulvihill, Walter Austin	<i>Brooklyn, N. Y.</i>		Δ T House
Mumford, James Oliver	<i>Honesdale, Pa.</i>	10	South College
Nicolaus, Louis Joseph	<i>St. Louis, Mo.</i>	19	South College
Niles, Charles Wilfred, Jr.	<i>Calumet, Mich.</i>	8	South College
Paine, Arthur Preston	<i>Brooklyn, N. Y.</i>	3	Northampton Road
Palmer, George Francis	<i>Amherst, Mass.</i>		5 Pine St.
Post, Martin Hayward, Jr.	<i>St. Louis, Mo.</i>	8	North College
Powell, Paul Rulison *	<i>Baltimore, Md.</i>	5	South College
Power, Thomas Francis	<i>Worcester, Mass.</i>	21	South College
Powley, Ned	<i>Ransomville, N. Y.</i>	25	South College
Rawson, George Edward	<i>Holliston, Mass.</i>	28	South College
Read, Fayette Francis	<i>Holyoke, Mass.</i>		A Δ Φ House
Robinson, Earl Benjamin	<i>Chenango Forks, N. Y.</i>	9	South College
Rogers, Dwight Harold *	<i>Westerly, R. I.</i>	14	South College
Rowley, Arthur Merriam	<i>Springfield, Mass.</i>	16	South College
Ryan, Arthur	<i>Sunderland, Mass.</i>	30	North College
Sayre, Howell Edwin	<i>Brooklyn, N. Y.</i>	12	North College
Scott, Robert Henry	<i>Brooklyn, N. Y.</i>		Φ Γ Δ House
Seaman, Franklin Townsend	<i>Brooklyn, N. Y.</i>		Δ T House
Shattuck, Maxwell Carleton	<i>Wellesley Hills, Mass.</i>		Gymnasium
Shute, Kenneth Bruce	<i>Gloucester, Mass.</i>	26	North College
Simpson, Hazen Fancher	<i>Saratoga Springs, N. Y.</i>		Δ K E House
Smith, Frederick Pitkin	<i>Golden, Colo.</i>	8	N. Prospect St.
Smith, Horatio Elwin	<i>Brattleboro, Vt.</i>	29	South College
Smith, James Elwood, Jr.	<i>St. Louis, Mo.</i>		8 Spring St.
Smith, Robert Metcalf	<i>Amherst, Mass.</i>	25	College St.
Smith, William Perkins	<i>St. Louis, Mo.</i>	32	South College
Sprenger, James Albert	<i>Cressona, Pa.</i>		B South College
Stearns, Albert Maynard	<i>Boston, Mass.</i>	9	North College
Stearns, Robert Peter	<i>Boston, Mass.</i>		8 Spring St.
Stiles, Harry Herbert *	<i>Jackson, Mich.</i>		A Δ Φ House
Stockbridge, Enos Smith	<i>Baltimore, Md.</i>	6	South College
Stockbridge, Henry, 3d	<i>Baltimore, Md.</i>	6	South College
Sweeney, William Ellis *	<i>Attleboro, Mass.</i>		Φ Δ Θ House
Tilton, Owen Stanard	<i>St. Louis, Mo.</i>	16	North College
Tracy, William Bowen Mitchell	<i>Philadelphia, Pa.</i>	26	North College

\* Special Student

Turner, Richard Clinton	<i>Portland, Me.</i>	1 College Ave.
Veasey, Arthur Hall *	<i>Haverhill, Mass.</i>	X Φ House
Waite, Frederick Allen	<i>Concord Junction, Mass.</i>	8 Woodside Ave.
Warner, Frank Bradford	<i>Sunderland, Mass.</i>	28 S. Pleasant St.
Warriner, William Joseph	<i>Feeding Hills, Mass.</i>	7 Parsons St.
Washburn, William Ives, Jr.	<i>New York, N. Y.</i>	12 Spring St.
Welles, Paul	<i>Paris, France</i>	12 North College
White, Heath Edgar	<i>Malden, Mass.</i>	3 South College
Whitney, Harold Edward	<i>Brattleboro, Vt.</i>	X Φ House
Williams, Eugene Flewellyn	<i>St. Louis, Mo.</i>	Ψ T House
Wolff, Stanley Lewis	<i>Seabright N. J.</i>	12 Spring St.
Wood, Ralph Emerson	<i>Greenfield, Mass.</i>	2 South College
Woodbury, Robert Belville	<i>Pottsville, Pa.</i>	26 South College
Young, Henry Newton, Jr.	<i>Wilkesbarre, Pa.</i>	23 North College
Zinsmaster, Harry William	<i>Des Moines, Ia.</i>	9 North College

\* Special Student.



*Summary*

FELLOWS AND GRADUATES . . . . .	6
SENIORS . . . . .	87
JUNIORS . . . . .	98
SOPHOMORES . . . . .	92
FRESHMEN . . . . .	129
TOTAL . . . . .	412

## CLASSIFICATION BY RESIDENCE

THE UNITED STATES		
Massachusetts . . . . .	196	Arizona . . . . . 1
New York . . . . .	85	Colorado . . . . . 1
Missouri . . . . .	19	Florida . . . . . 1
Connecticut . . . . .	17	Indiana . . . . . 1
Pennsylvania . . . . .	16	Kansas . . . . . 1
Illinois . . . . .	8	Kentucky . . . . . 1
New Jersey . . . . .	7	New Hampshire . . . . . 1
Rhode Island . . . . .	7	South Dakota . . . . . 1
Maryland . . . . .	6	Texas . . . . . 1
Michigan . . . . .	6	Wisconsin . . . . . 1
Vermont . . . . .	6	
District of Columbia . . . . .	5	
Maine . . . . .	5	
Ohio . . . . .	5	
Iowa . . . . .	3	
Washington . . . . .	3	
Nebraska . . . . .	2	
		406
		OTHER COUNTRIES
		Japan . . . . . 3
		Canada . . . . . 2
		France . . . . . 1
		412



# Award of Fellowships

1903-1904

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ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Ely Othman Merchant, B.A. (1904)

SOUTH END HOUSE FELLOWSHIP

Joseph Bartlett Eastman, B.A. (1904)

HITCHCOCK PHYSICAL EDUCATION FELLOWSHIP

Fred Loring Thompson, B.S. (1904)

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# Award of Honors

1903-1904

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COMMENCEMENT SPEAKERS

Francis Adams, Jr.  
Vernon Seymour Clark  
DeWitt Tilden Cope  
Edgar Hunt Goold  
Albert Arthur Livingston  
John Burke Shay

PHI BETA KAPPA

FIRST DRAWING (SENIORS)

Vernon Seymour Clark  
DeWitt Tilden Cope  
Edgar Hunt Goold  
Albert Arthur Livingston  
John Burke Shay

SECOND DRAWING (SENIORS)

Francis Adams, Jr.	Joseph Albert Lowe
Charles Willett Beam	Edward William McEvoy
John Burgess	Frank Bowen Morris
Thomas Clachar Brown	William Northrop Morse
Louis Martin Collins	Charles Francis Perry
Harrison Josiah Conant	Sanford Meddick Salyer
Fayette Brown Dow	William Ledley Vosburgh
Isaac Hartshorne	

FIRST DRAWING (JUNIORS)

Fritz Walter Baldwin, Jr.	Francis Chester Nickerson
Charles Ernest Bennett	Paul Willard Norton
Robert James Bottomly	Chauncey Lyman Parsons
John Maurice Clark	Walter Virgil Spaulding
Edward Clark Crossett	Charles Frank Thomas
John Frank Kern	Edwin Hill van Etten
Robert Shepherd Kneeland	Hugh Hourston Craigie Weed
Stephen Victor Marsh	

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Final Honors

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- BIOLOGY — Thomas Clachar Brown
- ECONOMICS — Harold Bickford Allen, Ely Othman Merchant
- ENGLISH — Edgar Hunt Goold, William Northrop Morse, Sanford Meddick Salyer, Karl Owen Thompson
- GERMAN — Edward Josiah Eaton, James Herlihy O'Donnell
- GREEK — Vernon Seymour Clark, Edward William McEvoy, Charles Francis Perry
- HISTORY — Francis Adams, Jr., DeWitt Tilden Cope, Edward Josiah Eaton, Clifford Holcombe Keep, Francis James Rooney, Ernest Miller Whitcomb
- LATIN — Ralph C. Amidon, DeWitt Tilden Cope, Charles Francis Perry, Francis James Rooney, Sanford Meddick Salyer, John Burke Shay
- MODERN GOVERNMENT — Harrison Josiah Conant, Ely Othman Merchant
- PHILOSOPHY — Edgar Hunt Goold
- PHYSICS — Arthur Farwell Dodge
- PUBLIC SPEAKING — Fayette Brown Dow, Joseph Bartlett Eastman
- ROMANCE LANGUAGES — Albert Arthur Livingston

# Award of Prizes

1903-1904

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## HUTCHINS GREEK PRIZE — JUNIOR

Stephen Victor Marsh

Edwin Hill van Etten

## BERTRAM LATIN PRIZES — SENIOR

*First Prize :* DeWitt Tilden Cope

*Second Prize :* Sanford Meddick Salyer

*Third Prize :* Charles Ernest Bennett

## BILLINGS LATIN PRIZES — SENIOR

*First Prize :* DeWitt Tilden Cope

*Second Prize :* Charles Ernest Bennett

## LAW LATIN PRIZE — SENIOR

DeWitt Tilden Cope

## THOMPSON LATIN PRIZES — JUNIOR

*First Prize :* Stephen Victor Marsh

*Second Prize :* Hugh Hourston Craigie Weed

*Third Prize :* Stanley Nathan Whitney

## SOPHOMORE LATIN PRIZES

*First Prize :* Edgar White Burrill

*Second Prize :* Ellison Story Hildreth

## FRESHMAN LATIN PRIZES

*First Prize :* Albert Edward Rand

*Second Prize :* Hugh Hartshorne

## BOYNTON BIBLICAL LITERATURE PRIZES

*First Term :* Arthur James Derbyshire

*Second Term :* Morton Ives Snyder

*Third Term :* Morton Ives Snyder

## KELLOGG PRIZES

*Sophomore* : Clifford Monroe Bishop*Freshman* : Malcolm Vartan Malconian

## HARDY PRIZES — SENIORS

*First Prize* : Fayette Brown Dow*Second Prize* : Edward Josiah Eaton

## HYDE PRIZE — SENIOR

Edward Josiah Eaton

## BOND PRIZE — SENIOR

Edgar Hunt Goold

## KENT PRIZE — SENIOR

Karl Owen Thompson

## WALKER MATHEMATICAL PRIZES

*Sophomore**First Prize* : William Trowbridge Merrifield Forbes*Second Prize* : Robert Nicholas Mattingly*Freshman**First Prize* : Warren Lincoln Swett*Second Prize* : Hugh Hartshorne

## PORTER PRIZE — SENIOR

*Divided equally between* { Robert Horace Baker  
Arthur Farwell Dodge

## SAWYER MEDAL — SOPHOMORE

*Gold Medal* : John McChesney

## A. LYMAN WILLISTON PRIZE — SOPHOMORE

Clarence Spencer Foster

## THE A. C. JAMES NAVIGATION PRIZE — SENIOR

*Divided equally between* { Arthur Farwell Dodge  
Robert Horace Baker

## LELAND PRIZE

The Junior Class (Class of 1905)

## WOODS PRIZE — SENIOR

Fayette Brown Dow

## LADD ORATION PRIZES — JUNIORS

John Garfield Anderson  
Robert James Bottomly  
Edward William Broder  
Harold Frederic Coggeshall  
William Crawford  
Claude Moore Fuess  
David Emerson Greenaway  
Jeremiah Henry Kelliher  
Mather Humphrey Neill  
William Tompkins Rathbun  
Ralph Eugene Rollins  
George Schwab  
John Adams Taylor  
Charles Frank Thomas

## ARMSTRONG PRIZES — FRESHMEN

*First Prize :* Herbert Hall Palmer  
*Second Prize :* Hugh Hartshorne  
*Third Prize :* Albert Edward Rand

## PORTER ADMISSION PRIZE

George Edward Rawson

*(prepared at the Holliston (Mass.) High School)**Honorable Mention :* Walter Conkey Gold*(prepared at the Amherst (Mass.) High School)*

# Honorable Mention

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## CLASS OF 1904

Francis Adams, Jr. — *Economics; German; History; Modern Government and International Law*

Charles Willett Beam — *English*

Charles Hiram Brown, Jr. — *French*

Thomas Clachar Brown — *History*

Daniel Benjamin Clarke — *Modern Government and International Law*

Vernon Seymour Clark — *German; Greek; Latin; Modern Government and International Law*

Harrison Josiah Conant — *German; Modern Government and International Law*

DeWitt Tilden Cope — *History; Latin; Modern Government and International Law*

Arthur Farwell Dodge — *Physics*

Fayette Brown Dow — *Art; German; Modern Government and International Law*

Joseph Bartlett Eastman — *Modern Government and International Law*

Edward Josiah Eaton — *Modern Government and International Law*

Charles Tabor Fitts — *English; Latin*

Edgar Hunt Gould — *Art; Philosophy*

Isaac Hartshorne — *Modern Government and International Law*

Clifford Holcombe Keep — *History; Modern Government and International Law*

Edward William McEvoy — *Greek; Modern Government and International Law*

Ely Othman Merchant — *Modern Government and International Law*

Frank Bowen Morris — *Modern Government and International Law*

William Northrop Morse — *Art; English*

Charles Francis Perry — *Latin*

Francis James Rooney — *Modern Government and International Law*  
Sandford Meddick Salyer — *Latin*  
John Burke Shay — *Modern Government and International Law*  
Karl Owen Thompson — *Biblical Literature*  
Ernest Timothy Wakefield — *History*  
Frank Edward Wheeler — *Modern Government and International Law*  
Ernest Miller Whitcomb — *History*

## CLASS OF 1905

Fritz Walter Baldwin, Jr. — *History ; Geology*  
Charles Ernest Bennett — *Chemistry ; English ; German ; Latin*  
Robert James Bottomly — *Chemistry ; English ; Greek*  
Edward Clark Crossett — *German*  
Joseph Dexter Crowell — *Geology*  
Arthur James Derbyshire — *Biblical Literature*  
Ralph Waldo Emerson Edgecomb — *Biblical Literature*  
Edward Hall Gardner — *Greek*  
John Frank Kern — *French ; Latin*  
Robert Shepherd Kneeland — *Chemistry, Physics*  
Stephen Victor Marsh — *German ; Greek ; Latin*  
Francis Chester Nickerson — *Mathematics*  
Paul Willard Norton — *Mathematics*  
John Bayley O'Brien — *English ; History*  
Walter Walker Palmer — *Biology*  
Chauncey Lyman Parsons — *History ; Music*  
Philip Mack Smith — *Music*  
Walter Virgil Spaulding — *Music*  
John Adams Taylor — *History*  
Charles Frank Thomas — *History ; Physics*  
Edwin Hill van Etten — *Greek*

## CLASS OF 1906

George William Bailey — *Mathematics ; Spanish*  
Edgar White Burrill — *English*  
Norman Franklyn Butler — *English*  
John Joseph Curran — *Greek ; Latin*

- Fayette Winchester Denio — *Mathematics ; Spanish*  
Ernest Gallaudet Draper — *English*  
Richard Grenville Ely — *English ; History*  
Leonard Dudley Field — *Biology*  
William Trowbridge Merrifield Forbes — *Chemistry ; Mathematics ;  
Physics*  
Arthur Harold Gilmore — *English ; History*  
Edgar Wilson Glasgow — *Chemistry ; History ; Geology*  
Clifton Rumery Hall — *French ; History ; Latin*  
Ellison Story Hildreth — *German ; Greek ; Latin*  
Robert Nicholas Mattingly — *Mathematics ; Physics*  
Shirley Gale Patterson — *English ; French ; Italian ; Latin*  
Sumner Goldthwait Rand — *Greek ; Latin*  
Morton Ives Snyder — *History*  
Mason Whiting Tyler — *History*  
Royal Cornelius van Etten — *Latin*

CLASS OF 1907

- Hugh Hartshorne — *English ; Greek ; Latin ; Mathematics ;  
Physics*  
Henry Hall King — *English ; German ; Mathematics*  
John McChesney — *French*  
Samuel Frederic Monroe — *English ; German ; Latin*  
Herbert Hall Palmer — *English ; Latin*  
Chilton Latham Powell — *English*  
Albert Edward Rand — *English ; German ; Latin*  
Warren Lincoln Swett — *English*



# Degrees Conferred in 1904

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## *Degrees in Course*

### **Bachelors of Arts**

#### *Summa cum laude*

Vernon Seymour Clark  
DeWitt Tilden Cope

Albert Arthur Livingston

#### *Magna cum laude*

Francis Adams, Jr.  
Thomas Clachar Brown  
Harrison Josiah Conant  
Fayette Brown Dow

Edgar Hunt Goold  
Clifford Holcombe Keep  
William Northrop Morse  
John Burke Shay

#### *Cum laude*

Harold Bickford Allen  
Ralph C. Amidon  
Robert Horace Baker  
Charles Everett Ballou  
Donald Lord Bartlett  
Charles Willett Beam  
Charles Hiram Brown, Jr.  
John Burgess  
Daniel Benjamin Clarke  
Louis Martin Collins  
Arthur Farwell Dodge  
Joseph Bartlett Eastman  
Edward Josiah Eaton  
Charles Tabor Fitts  
Warren Wyman Fox  
Isaac Hartshorne  
Layton S. Hawkins  
George Horatio Hoyt  
Walter Elisha Jones  
John Francis Kane  
Ralph Anderson Kennedy  
Alfred Blanchard Kershaw

Joseph Albert Lowe  
Edward William McEvoy  
Ely Othman Merchant  
Frank Bowen Morris  
Gordon Gerald Newell  
James Herlihy O'Donnell  
Harrison Lloyd Packard  
Charles Francis Perry  
John Willard Roberts  
Francis James Rooney  
Sandford Meddick Salyer  
Austin Anthony Savage  
Fred Eugene Sturgis, Jr.  
Harry Edwin Taylor  
Karl Owen Thompson  
Paul Akers Turner  
William Ledley Vosburgh  
Ernest Timothy Wakefield  
Frank Edward Wheeler  
Ernest Miller Whitcomb  
Earl Stanly Wooster

*Rite*

Howard Thompson Ballard	Heath Moore
Daniel Wilcox Boynton	Walter Scott Owens
Leland Brown Dow	George Kimball Pond
Samuel Chester Eveleth	Alvord Pratt
Harry Graham Gray	Richard Johnson Ray
William Irving Hamilton	Henry Stephen Richardson
Henry Remington Howard	Clayton Rowley Sanders
Ernest Monroe Ide	Paul Davie Storke
Sidney Franklyn Jones	Francis Epaphroditus Whitmore

**Bachelors of Science**
*Cum laude*

Robert Dudley Hildreth	Raymond Henry Stowell
Harry Gardner Lund	

*Rite*

James Harrington Biran	Percival Bowditch Palmer
Heman Baker Chase	James John Quill
Joseph Martin Raub, Jr.	Fred Loring Thompson

**Bachelors of Arts** (*out of course*)

Alonzo Whitcomb, as of the class of 1884  
James White, as of the class of 1884  
Edward Torrey Ford, as of the class of 1886

**Masters of Arts**

Albert Francis Tenney, B.A. (1869)  
Samuel Howe Seccombe, B.A. (1879)  
Henry Franklin Cutler, B.A. (1886)  
Edwin Noah Hardy, B.A. (1887)  
Edward Chapin Camp, B.A. (1889)  
Edwin Blanchard Dean, B.A. (1889)  
William Banabas Doyle, B.A. (1890)  
Herbert Wright Gates, B.A. (1890)  
Hobart Karl Whitaker, B.A. (1890)  
Harry Foster Jones, B.A. (1891)  
Walter Henry Hildreth, B.A. (1892)  
Joseph Augustus Goodrich, B.A. (1893)  
David Elmer Burnham, B.A. (1896)  
George Manley Butler, B.A. (1897)

William Bishop Gates, B.A. (1897)  
Albert Elmer Austin, B.A. (1899)  
Edward Scribner Cobb, B.A. (1900)  
George Hibbert Driver, B.A. (1900)  
Frank Church Dudley, B.A. (1900)  
Charles Lewis Gomph, B.A. (1900)  
Edwin Chester Hawley, B.A. (1901)  
John Rutherford Herrick, B.A. (1901)  
Herbert Pierrepont Houghton, B.A. (1901)  
William Whitfield Lamb, B.A. (1901)  
James Maxwell Murdock, B.A. (1903)

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### *Honorary Degrees*

#### **Masters of Arts**

HERBERT LAWRENCE BRIDGMAN  
FREDERIC BAYLEY PRATT

#### **Doctors of Divinity**

OTIS CARY  
ROLAND COTTON SMITH

#### **Doctors of Laws**

WILLIAM HENRY MOODY  
DANIEL WILLIS JAMES  
JAMES HAYDEN TUFTS

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### *Honorary Commission*

A Commission appointed by the Trustees, to make plans for beautifying the grounds and for the proper sites of buildings.

WILLIAM R. MEAD, LL.D.  
DANIEL H. BURNHAM, M.A., SC.D.  
AUGUSTUS SAINT GAUDENS, LL.D.  
CHARLES F. MCKIM, LL.D.  
FREDERICK LAW OLNSTED, M.A.

# Admission

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ALL candidates for admission to College must present satisfactory testimonials of good moral character.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies preparatory to the several courses.

## REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

### GROUP 1

Latin I, II  
Greek I, II  
Mathematics I  
English  
History I

### GROUP 2

{ Latin I, II and Greek I  
or  
{ Greek I, II and Latin I  
Mathematics I  
English  
History I.

In addition, there shall be one subject from the following list: —

French I  
 German I  
 History II  
 Physics  
 Chemistry  
 Mathematics II

GROUP 3

{ Latin I, II  
   or  
 { Greek I, II  
 Mathematics I  
 English  
 History I

In addition there shall be, from the following list, three subjects, one of which shall be a modern language and one an advanced subject.

*Elementary*

French I  
 German I  
 History II  
 Physics  
 Chemistry

*Advanced*

French II  
 German II  
 Mathematics II

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

# REQUIREMENTS FOR BACHELOR OF SCIENCE COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satis-

factory qualifications in the following subjects according to the specifications given under each subject.

English  
History I and II  
Mathematics I  
Chemistry or Physics  
Latin I or Latin I, II  
French I or German I

If Latin II is not presented, two points shall be made from the following lists:—(French I, German I, French II, German II, Chemistry, Physics), 2 points each; (Solid Geometry, Trigonometry and Logarithms, Advanced Algebra, Anatomy, Physiography), 1 point each.

Examinations are required in Solid Geometry, Advanced Algebra, Trigonometry and Logarithms.

If Latin I, II, is presented, the remaining requirements may be selected from the lists given on pages 41, 42. A student who presents Latin I, II, at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for one college year.

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

#### REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present:—

- |       |               |       |              |
|-------|---------------|-------|--------------|
| (1) { | English       | (2) { | Chemistry or |
|       | History I     |       | Physics      |
|       | History II    |       |              |
|       | Mathematics I |       |              |

- (3) One elementary and one advanced subject from the following lists:—

*Elementary*

French

German

*Advanced*

French

German

Mathematics

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

## LATIN

## I. ELEMENTARY LATIN

The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week extending through three school years. In preparation for the elementary examinations, the candidate should read and review at least Cæsar's *Gallic War*, books I-IV, or an equivalent; Cicero's *Orationes against Catiline* and *for Archias*; and should gain ability to read Latin at sight. Careful attention should be given from the beginning to the correct pronunciation of Latin words according to the Roman method. The examination will include:—

(a) Translation of passages of Latin prose at sight.

(b) A thorough examination on Cicero's *Orationes against Catiline*, II, III, IV, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

## II. ADVANCED LATIN

In addition to the preparation mentioned above for the elementary Latin, the candidate should read and review Vergil's *Æneid*, books I-VI at least, or an equivalent; and have adequate training in reading Latin poetry in the original, in translating Latin poetry at sight, and in Latin prose composition. The examinations will include:—

(a) Translation of passages of Latin verse at sight.

(b) A thorough examination on Vergil's *Æneid*, books I and II, directed to testing the candidate's mastery of the ordinary forms, constructions, idioms, and prosody.

(c) Translation into Latin prose of a passage of connected English narrative, based on some portion of the Latin prose works usually read in preparation for college, and limited to the subject-matter of those works.

Candidates for the degree of B.S. will take Latin I.

Candidates for the degree of B.A. will take both Latin I and II.

Candidates for the degree of B.A. may take any of the subjects in preliminary examinations, but are advised to reserve for their final examinations Vergil or Cicero, and Latin prose composition.

## GREEK

### I. ELEMENTARY GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least two school years. In preparation for the elementary examination, the candidate should read the first three books of Xenophon's *Anabasis* or an equivalent, and be carefully drilled in the principles of syntax and inflections of Attic prose. The examination will include:—

(a) A thorough examination on the first two books of Xenophon's *Anabasis*, books I and II.

(b) Translation of passages of Attic prose at sight.

### II. ADVANCED GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week extending through at least three school years. In addition to preparation for the elementary examination, the candidate should read the fourth book of Xenophon's *Anabasis*, and three books of Homer's *Iliad*; and should be trained to render into Greek passages of English narrative involving all ordinary constructions. The examination will include:—

(a) Translation into Greek of a passage of connected English narrative based on the second book of Xenophon's *Anabasis*.

(b) A thorough examination on the first book of Homer's *Iliad*.



(c) Translation of passages of Homer at sight, with questions on the forms, constructions, and idioms of the passages.

## MATHEMATICS

### I. ELEMENTARY MATHEMATICS

(a) Algebra through quadratic equations.

(b) Plane geometry, including problems in mensuration, and original propositions.

The requirement in algebra includes the following subjects: factors, common divisors and multiples, fractions, ratios and proportions; negative quantities and the interpretation of negative results; theory of exponents; radicals and equations involving radicals; the elementary theory of imaginaries; the progressions; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities, and of problems leading to such equations.

The requirement in geometry embraces the following topics: the general properties of plane rectilinear figures; proportion; incommensurable magnitudes and limits; the circle and the measure of angles; similar polygons; areas; regular polygons and the measure of the circle; problems in construction.

In each subject great importance is attached to accuracy and readiness, and to neatness in the arrangement of written work.

### II. ADVANCED MATHEMATICS

(a) Algebra, including choice, chance, theory of limits, the binomial theorem, logarithms, series, determinants, graphs, derivatives, and the theory of equations. Hall and Knight's *Algebra for Colleges and Schools*.

(b) Solid and spherical geometry. Wells's *Essentials*.

(c) Plane trigonometry. Wentworth.

## ENGLISH

Two sets of books are prescribed for preparation in English, one for reading, the other for more careful study. No candidate will be accepted in English whose work is notably deficient in point of spelling, punctuation, idiom, or division into paragraphs. The examination will consist of two parts:—

(1) *Reading and Practice*.—The candidate is required to present evidence of a general knowledge of the subject-matter of the books assigned, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books set for this part of the examination will be:—

1904 and 1905.—Shakespeare's *The Merchant of Venice* and *Julius Cæsar*; *The Sir Roger de Coverley Papers* in *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

1906.—Shakespeare's *Macbeth* and *The Merchant of Venice*; *The Sir Roger de Coverley Papers* in *The Spectator*; Irving's *Life of Goldsmith*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe* and *The Lady of the Lake*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Lowell's *The Vision of Sir Launfal*; George Elliot's *Silas Marner*.

(2) *Study and Practice*.—This part of the examination pre-supposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness

and accuracy. The books set for this part of the examination will be:—

1904-1906. — Shakespeare's *Julius Cæsar*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*; Burke's *Speech on Conciliation with America*; Macaulay's *Essay on Milton* and *Life of Johnson*.

### FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 65 for college courses which correspond to the work prescribed for preparation.

#### I. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le roi des montagnes*; Bruno, *Le tour de la France*; Daudet's easier short tales; De la Bédollière, *La Mère Michel et son chat*; Erckmann-Chatrian's stories; Foa, *Contes biographiques* and *Le petit Robinson de Paris*; Foncin, *Le pays de France*; Labiche and Martin, *La poudre aux yeux* and *Le voyage de M. Perrichon*; Legouvé and Labiche, *La cigale chez les fourmis*; Malot, *Sans famille*; Mariet, *La tâche du petit Pierre*; Mérimée, *Colomba*; extracts from Michelet; Sarcy, *Le siège de Paris*; Verne's stories.

## II. ADVANCED FRENCH

This should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le Gendre de M. Poirier*; Béranger's poems; Corneille, *Le Cid* and *Horace*; Coppée's poems; Daudet, *La belle Nivernaise*; La Brète, *Mon oncle et mon curé*; Madame de Sévigné's letters; Hugo, *Hernani* and *La chute*; Labiche's plays; Loti, *Pêcheur d'Islande*; Mignet's historical writings; Molière, *L'avare* and *Le bourgeois gentilhomme*; Racine, *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière*; Scribe's plays; Thierry, *Récits des temps mérovingiens*; Thiers, *L'expédition de Bonaparte en Égypte*; Vigny, *La canne de jonc*; Voltaire's historical writings.

## GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

### I. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill upon pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of

everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs, also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the end of enabling the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen, *Märchen* and *Bilderbuch ohne Bilder*; Arnold, *Fritz auf Ferien*; Baumbach, *Die Nonna* and *Der Schwiegersohn*; Gerstäcker, *Germelshausen*; Heyse, *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern, *Höher als die Kirche*; Jensen, *Die braune Erica*; Leander, *Träumereien* and *Kleine Geschichten*; Seidel, *Märchen*; Stökl, *Unter dem Christbaum*; Storm, *Imensee* and *Geschichten aus der Tonne*; Zschokke, *Der zerbrochene Krug*.

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz, *Er ist nicht eifersüchtig*; Wichert, *An der Majorsecke*; Wilhelmi, *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die*

*Kirche, or Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

## II. ADVANCED GERMAN

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise upon word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein*; Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*, for example *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué, *Undine*; Gerstäcker, *Irrfahrten*; Goethe, *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffman, *Historische Erzählungen*; Lessing, *Minna von Barnhelm*; Meyer, *Gustav Adolfs Page*; Moser, *Der Bibliothekar*; Riehl, *Novellen*, for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger, *Waldheimat*; Schiller, *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel, *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch, *Das edle Blut*. A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

## ANCIENT HISTORY (History 1)

The examination will include: (1) the history of Greece to the death of Alexander, an outline of Greek geography, and questions on Greek life, literature and art; (2) the history of Rome to the death of Marcus Aurelius, an outline of Roman geography, and questions



upon literature and government. The examination presupposes the use of good text-books, considerable collateral reading, and a systematic course of study of at least four exercises a week during one school year, or of two exercises a week during two school years.

### ENGLISH AND AMERICAN HISTORY (History II)

The examination will include: (1) the history of England, (2) the history of the United States. A mastery of the narrative as presented in the best text-books is requisite, together with collateral reading. Two exercises a week for one school year in (1) and (2) are necessary.

### PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in such text-books as Avery's *School Physics*, Gage's *Elements of Physics*, and Crew's *Elements of Physics*. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate applies for admission, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

### CHEMISTRY

General laws and theories of chemistry, and the occurrence, preparation, and properties of the non-metallic elements and their compounds as stated in such text-books as Richter, Remsen, and Harris.

### TIME, PLACES, AND ORDER OF EXAMINATIONS

The first examinations for admission begin at 2 P.M. on Tuesday (20th June 1905), and close on Friday of the week preceding Commencement. The result of these examinations is sent to the candidates by mail, within two weeks after the examinations are held. The second examinations for admission begin at 2 P.M. on the last Monday of the summer vacation (18th September 1905), and close on the following Thursday. These

regular examinations for admission to the College are held in Room 5 Walker Hall at Amherst, and all candidates should present themselves promptly at the hour assigned for registration. Examination papers will be sent, free of charge, to any preparatory school of good standing, where there are candidates for admission, provided its principal will conduct the examinations simultaneously with those at Amherst, and without expense to the College. Candidates who desire to be examined elsewhere than at Amherst should send their names to the Registrar in season to be received not later than the first of June.

The order of examinations, in both June and September, is as follows : —

## FIRST DAY

## P.M.

2.00-2.15	Registration
2.15-3.45	Plane Geometry
4.00-5.30	Elementary Algebra

## SECOND DAY

## A.M.

8.30-10.15	Elementary Latin
10.30-12.00	Advanced Latin

## P.M.

2.00-3.30	English
3.45-4.30	History II (English and American)
4.30-5.15	History I (Ancient)

## THIRD DAY

## A.M.

8.30-10.00	Elementary Greek
10.15-11.45	Advanced Greek
11.45-12.30	Chemistry, Physics

## P.M.

2.00-3.30	Elementary German
	Advanced German
3.45-5.15	Elementary French
	Advanced French

## FOURTH DAY

## A.M.

8.00-9.00	Advanced Algebra
9.00-10.00	Solid Geometry
10.15-11.15	Trigonometry



## PRELIMINARY EXAMINATIONS

Candidates are allowed to take examinations in any of the subjects. If the student is successful in five or more papers, in either the June or September examinations, or in both together, credit will be given for one year. Candidates are, however, advised to reserve for their final examinations the following subjects: Homer, Vergil or Cicero, Greek and Latin prose composition, algebra or geometry, and English.

## ADMISSION ON CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College, and furnished to principals of such schools upon application to the Registrar.

Such admission by certificate allows a student to enter College conditionally upon his proving himself able to do the full work of his class; and at any time during the Freshman year he may be dropped from the class in case his work is not satisfactory. In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week during three school years for Greek and four for Latin. In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the certificate. No certificate will be accepted for work in advanced mathematics. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examination.

Certificates will be received from those schools in New England which have been approved by the New England College En-

trance Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, R. I. From schools outside of New England, already approved by this College, students are received on certificate, as heretofore.

#### ADMISSION ON CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in the subjects which they cover. It is to be noted, however, that in Greek, in addition to their requirements, an examination must be taken upon the fourth book of the *Anabasis*, and the translation of Greek at sight, and in Mathematics, in addition to their requirements in elementary algebra, an examination must be taken in the rationalization of radical expressions, theory of exponents, elementary theory of imaginaries, ratio and proportion, the progressions; and in advanced algebra an examination must be taken in the elementary theory of graphs as applied to the study of functions.

Certificates of the College Entrance Examination Board for the Middle States and Maryland are accepted.

#### CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but those deficiencies must be removed to the satisfaction of the Faculty before he can be advanced to the Junior class. The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

For conditions under which entrance prizes are given, see page 116.

## ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of the second semester of Senior year.

Candidates for admission to advanced standing are examined in the studies that have been pursued by the class they wish to enter; also in the requirements for admission to the Freshman class, if advanced standing has not been regularly attained in another college. In applying for admission to advanced standing at Amherst, a student from another college should present a letter of honorable dismissal, together with a detailed certified statement of the work done by him in each department of study at the college from which he comes. Due credit is given for all such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin, or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry.

## Courses of Instruction

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ALL courses are assigned three hours each week, except Mathematics 1 and 2, and Chemistry 3, 4, 5, and 6, which are four-hour courses. In numbering of courses an odd numeral denotes the first semester, an even numeral the second.

In Freshman year those students who have presented for admission both ancient languages, elementary and advanced, pursue the study of those languages, of Mathematics and English, and choose one course. Those who have presented, besides Latin and Greek, a modern language, elementary and advanced, may elect that language instead of one of the ancient languages. Those who have presented one ancient language pursue the study of that language, of a modern language, of Mathematics and English, and elect one course.

The required studies of Freshman year in the Scientific course are Mathematics, English, a modern language, and Physiology (the second semester). Two courses are elected the first semester and one course the second semester.

In Sophomore and Junior years each student elects five, and in Senior year, four courses. The courses open to each class are indicated on pages 76-81.

No student is allowed to take a less number of courses than the number named for each year. Extra courses may be taken, subject to approval by the Administration Committee. No student is allowed to take more than six courses in a semester. For conditions of graduation in less than four years see page 100.

Candidates for the degree of Bachelor of Science shall complete second year German, and second year French, Italian or Spanish, and in addition to the studies of Freshman year, twenty-eight semester courses, twelve of which are to be chosen from

sciences, mathematics, or economics. Sciences taken in Freshman year are included in the twelve courses. Not more than three courses in economics may be reckoned in the twelve courses.

### PHILOSOPHY

PROFESSOR GARMAN

1. Psychology and pedagogics.
2. Psychology and sociology.
3. Ethics and history of philosophy. (1, 2 requisite.)

As far as possible, the philosophers and their critics are studied from their own works. The courses in philosophy include the following subcourses, several of which are taken simultaneously:— Psychology (experimental, animal, morbid); mental evolution; pedagogics and educational psychology; general psychology; heredity; anthropological ethics; political obligations; metaphysics of ethics; objective ethics; outlines of sociology; æsthetics; outline history of ancient philosophy: selections from Locke, Berkeley, Hume, and Mill; philosophy and ethics of Herbert Spencer, Descartes, Spinoza, Kant, Fichte, Hegel, Lotze; epistemology; philosophy and evolution of religion; preparation for Christianity in the Roman empire; Christian apologetics; history and exposition of Christian doctrine; movements of thought in the nineteenth century.

### HISTORY

PROFESSOR GALLINGER

1. General European history during the Middle Ages, 375–1453.
2. General European history from the period of the Renaissance to the end of the Seven Years' War, 1453–1763. A continuation of course 1.
3. English history to the Restoration (1660), with special reference to the development of the English constitution.
4. English history from the Restoration, with special reference to the development of the English constitution. A continuation of course 3.

PROFESSOR MORSE

5. European history from the Seven Years' War to the close of the Napoleonic wars, 1763-1815.
6. European history since the Congress of Vienna.
7. Political and party history of the United States from the Stamp Act to the election of Jackson, 1765-1828. (5 and 6 requisite.)
8. Political and party history of the United States since the election of Jackson. (5, 6 and 7 requisite.)

ECONOMICS

PROFESSOR CROOK

1. Outlines of Economics. Seager's *Introduction to Economics*; John Stuart Mill's *Principles of Political Economy*.  
Open to Seniors and Juniors.
3. Sociology. Fairbanks' *Introduction to Sociology*; Warner's *American Charities*; Wine's *Punishment and Reform*; Divine's *Principles of Relief*.  
Open to Seniors.
2. Money and Banking. Kinley's *Money*; Dunbar's *Theory and History of Banking*.  
The monetary and banking systems of England, France, Germany, and the United States are studied.
4. Public Finance. Adams' *Finance*.  
Emphasis is placed upon taxation.
6. Socialism and Social Problems. The writings of the four groups of social reformers are studied: the Utopists, the Moral and Ethical group, the Socialist group, and the Fabians.  
For 2, 4, and 6, 1 is requisite. Juniors may elect only two of these courses.
7. Advanced work in Economic Theory. Assigned readings in Smith, Ricardo, Mill, Marshall, the Austrian, Italian and American economists.  
(1 requisite; to be given in 1905-1906.)

8. Trusts and Transportation. Ripley's *Transportation*; Johnson's *American Railway Transportation*; Meade's *Trust Finance*. To be given in 1905-1906.

10. Labor Problem, including trades-unionism and the wage question. Lectures and assigned readings. To be given in 1905-1906.

Courses 8, 10 are given alternate years with 4, 6.

The department conducts an economic and sociological seminar once each week during the winter months, to which are admitted those who have attained high standing in Economics 1 and 3.

#### MODERN GOVERNMENT AND INTERNATIONAL LAW

PROFESSOR GROSVENOR

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and of circumstances; governments as single or federal, as monarchic, aristocratic or democratic, as constitutional or arbitrary.

3. Existing governments, national, municipal and local, in the states of Europe and America, and in Japan, China, India, and Australia. (2 requisite.)

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress and future of international law. (2 and 3 requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethnic, and religious condition of peoples is investigated to ascertain the influence of such conditions upon their political life. Attention is paid to special topics of contemporaneous interest. During each semester at least one thesis and two discussions will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History*. Wilson's *The State*. Lawrence's *International Law*.



## BIBLICAL LITERATURE

PROFESSOR H. PRESERVED SMITH

## I. THE ENGLISH BIBLE

1. History of Israel down to the Greek period ; composition of the historical books ; the work of the prophets ; exile and restoration ; supremacy of the law.

2. History of Judaism and the beginnings of Christianity ; the Maccabean struggle ; Rome and the Herods ; the life of Christ ; Jewish and Gentile Christianity ; the epistles of Paul.

3. Historical and literary criticism as applied to the Old Testament ; careful study of parallel passages ; influence of the religious development of the nation on its literature.

4. Application of historical criticism to later Jewish productions ; forms of messianic and apocalyptic literature ; Greek influence on Jewish thought ; harmony of the Gospels ; types of thought in the early church.

The text-book is the English Bible.

## II. THE NEW TESTAMENT IN GREEK

5. Discussion of the character of Hellenistic Greek. Selections from the Gospels, the Acts, and the earlier Pauline Epistles.

6. The Catholic Epistles and the Epistle to the Hebrews with comparison of the Greek version of the Old Testament.

The text-book is the New Testament of Westcott and Hort.

## III. INTRODUCTION TO THE HEBREW LANGUAGE

7. The grammar, with exercises in translation and composition ; reading of easy prose.

8. Translation of narrative and prophetic passages with especial attention to the syntax. The text-book is Davidson's *Introductory Hebrew Grammar*.



## IV. THE HISTORY OF RELIGIONS

9. Primitive Religions : Egypt ; Assyria and Babylonia ; China and Japan ; India and Persia ; Germans and Kelts ; Greeks and Romans ; Judaism ; Christianity ; Islam. Instruction by lectures with assigned readings.

The groups II and III are given in alternate years. Group III will be given in 1905-1906.

## GREEK

PROFESSOR ELWELL

A. Course for students beginning Greek. *Anabasis*, *Iliad*, and prose composition ; four hours a week through the year.

This course is given to three or more students, on application.

1. Homer, *Odyssey*, with study of Homeric characters and collateral reading on Homer.

2. Herodotus, with study of historic characters and collateral reading on Greek historians ; Lysias, with study of Athenian life and collateral reading on Attic orators.

PROFESSOR H. DE F. SMITH

3. Aeschylus, *Persians* ; Sophocles, *Antigone* ; Euripides, *Alceste* ; lectures on the development of tragedy and the theatre ; study of selected tragedies in an English translation.

4. Plato, *Apology* and *Crito* ; Xenophon, *Memorabilia* ; lectures and reading on the life and influence of Socrates.

5. Demosthenes, *On the Crown*, with lectures and reading on Demosthenes as an orator and as a statesman. (Omitted in 1904-1905.)

6. Hesiod, *Works and Days*. Lyric Poets, selections from elegiac, iambic, and melic poetry, with a study of the various types. (Omitted in 1904-1905.)

7. Aristophanes, *Birds*, with lectures on the development of

comedy ; Aristotle, *Poetics*, with lectures and collateral reading on Greek literary criticism.

8. Theocritus, *Idylls* ; Apollonius Rhodius, *Argonautica* ; with selections from other late poetry ; lectures on the Alexandrian poets.

Courses 5, 6 are given alternate years with 7, 8.

10. Greek Literature ; Poetry ; lectures on the development and characteristics of the various types ; study of selected examples in an English translation, with reports on special topics.

Knowledge of the Greek language not required.

#### LATIN

PROFESSOR COWLES AND DR. GALPIN

1. Cicero, *De Senectute*, or *De Amicitia* ; discussion on Latin style ; collateral reading on the life and times of Cicero.

Livy, Book I or XXI ; lectures on Rome and Carthage ; collateral reading on the Punic wars.

2. Livy continued ; exercises in Latin composition on the basis of the text.

Horace, *Odes* and *Epodes* with the Horatian metres ; collateral reading on Horace as a lyric poet.

PROFESSOR COWLES

3. Selections from Catullus.

Tacitus, the *Agricola* and *Germania*, or selections from the *Satires* and *Epistles* of Horace. History of Latin literature.

4. Selections from the *Letters* of Pliny the Younger ; illustrated lectures on Roman archæology.

Plautus, *Trinummus* and *Captives*, with lectures on the history of the Roman theatre and drama.

PROFESSOR CROWELL

5. Selections from Seneca the philosopher ; Petronius, *Cena Trimalchionis* ; Quintilian, *De Institutione Oratoria*, book x ; history of the literature of the Silver Age.

6. Tacitus, *Histories*, books I and III ; history of the literature of the Silver Age ; Persius and Juvenal, *Satires* and history of Roman satire ; or Justinian, *Institutes*, and history of Roman jurisprudence.

7. Lucretius, selections from *De Rerum Natura* ; Cicero, the *Immortality of the Soul* ; thesis on the life, philosophy, poetry and style of Lucretius.

8. Tertullian, *Liber Apologeticus* ; Christian Latin poetry, selections ; history of early Christian Latin literature ; Justinian, *Institutes*, and history of Roman jurisprudence.

#### SANSKRIT

PROFESSOR ELWELL

1. Perry's *Primer* ; Whitney's *Grammar* ; Lanman's *Reader*, *Nala*.

2. Whitney's *Grammar* ; Lanman's *Reader*, stories from *Hitopadeṣa* and *Kathā-sarit-sāgara*.

This course is offered in preparation for especial work in comparative philology, and as an introduction to the study of the religions and literatures of India.

#### GERMAN

PROFESSORS RICHARDSON AND BIGELOW

1. Drill in pronunciation ; colloquial exercises ; practice in writing German ; selections from easy German prose.

2. Practice in writing German continued ; sight reading ; prose selections.

3. Prose composition ; memorizing ; conversation ; reading of modern texts ; Schiller, *Maria Stuart*, and *Wilhelm Tell* or *Wallenstein* begun ; study of Schiller's life.

4. Schiller continued ; Lessing, *Emilia Galotti* ; Hauff, *Das Wirtshaus im Spessart*.

5. Selections from Goethe's prose works ; study of Goethe's life ; Goethe, *Faust* begun.

6. *Faust* continued; history of the Faust legend; Lessing, *Nathan der Weise*.

7, 8. Modern German fiction, poetry, and drama.

This course is open only to students who have completed six semesters with high rank. It may be taken for one or two semesters.

## ROMANCE LANGUAGES

### FRENCH

PROFESSOR NITZE, DR. BAXTER AND DR. GALPIN

1. Elementary course: pronunciation, grammar (composition), translation. Fraser and Squair's *Abridged French Grammar*; Daudet, *Trois Contes Choisis*; or Halévy, *L'Abbé Constantin*.

2. Continuation of 1. Grandgent's *French Composition, Part 1*; or Grandgent's *Materials for French Composition, Part 1* (based on *L'Abbé Constantin*); Dumas, *La Tulipe Noire*; Mérimée, *Colomba*. Outside reading: Bruno, *Le Tour de la France*.

3. Advanced course: rapid reading, syntax (composition). Bevier's *French Grammar*; Sandeau, *Mlle de la Seiglière*; About, *La Mère de la Marquise*; Le Sage, *Gil Blas*. Outside reading: Lamartine, *Scènes de la Révolution Française*.

4. Continuation of 3, and introduction to French literature. Cameron's *French Composition*; Anatole France, *Le Crime de Sylvestre Bonnard*; Sand, *La Mare au Diable*; Pellissier, *Précis de l'Histoire de la littérature française*. Outside reading: Augier and Sandeau, *Le Gendre de M. Poirier*.

5, 6. French literature of the seventeenth century, especially the drama. Lectures, discussions, essays. *Théâtre choisi* of Molière, Corneille and Racine; Descartes, *Discours de la méthode*; Bossuet, *Discours sur l'histoire universelle*; La Fontaine, *Fables*.

7, 8. French literature of the nineteenth century, especially prose fiction (in 1905-1906, poetry and the drama). Lectures,

discussions, essays. Pellissier, *Le Mouvement littéraire au XIX<sup>e</sup> siècle*, representative works of Chateaubriand, Victor Hugo, Vigny, George Sand, Dumas père, Balzac and Daudet.

An alternate course 9, 10 in French literature of the eighteenth century will be given in 1906-1907.

#### OLD FRENCH

11, 12. Selections from the Old French chronicles; *Chanson de Roland*; *Aucassin et Nicolette*. Lectures on the history of the French language.

This course is conducted as a seminar and is open only to students of high rank.

#### ITALIAN

1, 2. Pronunciation, grammar, translation. Stories by De Amicis, Castelnovo, Farina, Verga, Fucini and Serao; Manzoni, *I Promessi Sposi*.

3, 4. Reading, composition and lectures on the history of Italian literature. Works of Fogazzaro and Capuana.

5, 6, alternates of 3 and 4. Dante, *Vita Nuova*, *Divina Commedia* (*Inferno*); selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso*.

#### SPANISH

1, 2. Pronunciation, grammar, translation. Giese's *First Spanish Book and Reader*; Loiseaux's *Elementary Spanish Reader*; Alarcón, *El Capitán Veneno*; Valera, *El Pájaro Verde*.

3, 4. Reading, composition and lectures on the history of Spanish literature. Ramsey's *Spanish Grammar*; Fitzmaurice-Kelly's *History of Spanish Literature*; Ford's *Spanish Anthology*; selected works of Valdés, Bazán, Galdós.

5, 6, alternates of 3 and 4. Cervantes, Calderón, Lope de Vega and Tirso de Molina — selected works (given in 1906-1907).

## ENGLISH

DR. ERSKINE

1. Words; sentences; paragraphs; written exercises and themes.

PROFESSOR GENUNG AND DR. ERSKINE

2. The composition as a whole; written exercises and themes.

The object of this required course is to furnish, by theory and practical drill, discipline in the principles of composition.

DR. ERSKINE

4. American Literature.

PROFESSOR GENUNG

5. Study, through text book and selected literary works, of structure and style; themes and criticism.

6. The literary types; briefs and themes, with individual criticism.

7. English literature of the Victorian age; essayists and critics; lectures, readings, discussions.

8. The same, continued; the Victorian poets.

PROFESSOR CHURCHILL

9. The Drama.

The drama as a species of art, its aims, principles and methods; Greek, Roman, French, German and English dramas as examples and illustrations.

10. The English Drama.

Rise and development of the drama in England; works of the predecessors of Shakespeare; plays of Shakespeare.

11. Prose Fiction.

Prose fiction as a species of art, its aims, principles and methods; the novel and the short story; ancient and modern examples. (Omitted in 1904-1905.)

## 12. English and American Prose Fiction.

Rise and development of the novel and of the short story in England and America. (Omitted in 1904-1905.)

DR. ERSKINE

## 13. Elizabethan non-dramatic literature.

## 14. English literature of the seventeenth century.

Historical development; poetic forms; principles of criticism.

## 15. English literary criticism.

Omitted in 1904-1905.

## 16. English and Scotch Ballads.

Omitted in 1904-1905.

PROFESSOR WOODBERRY

## 18. Lectures on Modern Literature.

PROFESSOR CHURCHILL

19. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.

20. Critical study of English prose writers: Early English prose, Elizabethan prose; Addison, Swift, Lamb, De Quincey.

For English 19 and 20, two courses chosen from 9 to 16 are requisite as precedent or parallel courses.

## OLD AND MIDDLE ENGLISH

PROFESSOR CHURCHILL

21. Old English (Anglo-Saxon). Cook-Sievers' *Grammar of Old English*; Sweet's *Anglo-Saxon Primer*; Bright's *Anglo-Saxon Reader*; Beowulf; lectures on the origin and development of Old English.

Omitted in 1904-1905.

22. Old English Poetry; Beowulf continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales*; lectures on the history of Middle English, and its development into Modern English: Sweet's *Second Middle English Primer*.

Omitted in 1904-1905.

23. Old English Literature.

This course is given alternate years with the linguistic course 21, and is devoted to the literature of the period. Courses 21 and 22 are not prerequisite.

24. Middle English Literature.

This course is given alternate years with 22. Special attention is paid to the Middle English lyrics, Piers Plowman, the Arthurian tales, the Mystery plays, Chaucer.

PUBLIC SPEAKING

MR. CORSA

2. Oral interpretation; declamations, one hour course; individual training.

Required of all Freshmen.

4. Individual training of contestants for the Freshman Kellogg Prize.

5. Oral interpretation; declamations, one-hour course; individual training.

Required of all Sophomores.

6. Individual training of contestants for the Sophomore Kellogg Prize.

7. Argumentation and logic; examples for praxis; lectures; oral interpretation; orations; argumentation in debates; discussions; speeches.

9. Debates on social, economic, historical, and political questions, one-hour course.

Required of all Seniors.

10. Debates as in 9.

Required of all Seniors through the Winter term; individual training of contestants for the Hyde and Bond prizes is given in the Spring term.

MATHEMATICS

PROFESSORS ESTY AND OLDS AND MR. NEWLIN

1. Solid and spherical geometry; algebra, including choice,



chance, determinants, derivatives, graphs, binomial theorem, and a brief introduction to the theory of equations.

3. Descriptive geometry.

4. Algebra continued, including theory and use of logarithms and exponential and logarithmic series; plane trigonometry; spherical trigonometry and surveying for the Walker honor division.

5. Analytic geometry, plane and solid.

6. Differential and integral calculus.

7. Calculus continued, followed by a brief course in differential equations with especial reference to advanced courses in mechanics and physics.

8. Analytic mechanics; vector methods introduced.

9. Differential equations, ordinary and partial, with their applications; vector methods continued.

10. Introduction to the theory of functions.

12. Descriptive geometry completed. (Continuation of 3.)

14. Mechanical drawing.

Courses 12 and 14 are designed primarily for students who are preparing to enter schools of technology.

## PHYSICS

PROFESSORS KIMBALL AND THOMPSON

1. Elementary mechanics; equilibrium and motion of solids, liquids and gases; capillarity and molecular forces; heat, electricity and magnetism. Lectures and recitations three hours, laboratory work two hours.

2. Electricity and magnetism, continued; sound and light. Lectures and recitations three hours, laboratory work two hours.

3. A course in electric and magnetic measurements and in heat. (1 and 2 requisite.) Lecture or recitation one hour, laboratory work four hours.

4. Heat and elementary thermodynamics and physical optics,

with especial reference to interference, diffraction, and polarization, and the optical properties of crystals. Lectures and recitations two hours. (1 and 2 requisite.)

5. Theory of electrostatics, electricity and magnetism, electrolysis and electrolytic conduction, and electric discharge in gases. Lectures and recitations two hours, laboratory work two hours.

6. Dynamo-electric machinery, with especial reference to alternating currents of electricity. Lectures and recitations two hours, laboratory work two hours.

## ASTRONOMY AND NAVIGATION

PROFESSOR TODD

1. General and descriptive astronomy and astrophysics. Todd's *New Astronomy*; lectures upon the history of geodesy and astronomy. Observations with telescopes and other apparatus, as laboratory practice. Determinations of time. (Physics 2 requisite.)

This course includes the elements of astronomy, old and new. It is an informational course, and does not presuppose technical knowledge of mathematics.

2. Practical astronomy and astrophysics (Campbell, Souchon, Frost); *Theoretical Astronomy* (Watson); *Introduction to Celestial Mechanics* (Moulton); *Investigation of the orbit of Uranus*; observatory work with equatorial, transit and spectroscope. (Mathematics 1, 4, 5, and 6 and Astronomy 1 requisite.)

This course includes the theory of the construction, adjustment and use of the principal instruments of the astronomical observatory (page 90), and each student makes observations with these instruments, and completely calculates, or reduces them. Also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

4. History of navigation ; naval architecture ; instruments of navigation ; compass errors and their correction ; finding the ship's position ; great circle sailing ; sextant practice (Mathematics 1 and 4 and Astronomy 1 requisite.)

This course enables the student to become familiar with the practical operations of the astronomy of navigation, including observations and the calculation of them.

### CHEMISTRY

PROFESSORS HARRIS AND HOPKINS AND MR. CHAPIN

1. Fundamental laws. The non-metallic elements and their compounds.

2. Metallic elements and their compounds.

3. Qualitative analysis of bases and acids and general relations of the metals and acids.

4. Separation of bases and analysis of mixed compounds, and general organic chemistry.

5. Quantitative determination of simple compounds and separations of mixed substances.

6. Mineral analysis and special technical and sanitary analysis.

### MINERALOGY AND GEOLOGY

PROFESSOR EMERSON

1. Structural and dynamical geology as illustrated by the region around Amherst. Six excursions required, generally on Wednesday afternoons. Fairchild's edition of Leconte's *Elements of Geology*. (Physics 1, 2 and Chemistry 1, 2 requisite.)

2. Historical geology, palæontology, physiography. (1 requisite ; Biology 1, 2 desirable.)

3. Field and laboratory work. Survey of an area of glacial and post-glacial beds followed by descriptive mineralogy, crystallography, determination of minerals, petrography (Moses and Parsons' *Mineralogy*), or by advanced palæontology. East-

man's translation of von Zittel's *Palæontology*. (Geology 1, 2 and Biology 1, 2 requisite.)

4. Survey of an area of Triassic or Crystalline rocks, or advanced work in mineralogy, petrography or palæontology.

Map or thesis required.

## HYGIENE AND PHYSICAL EDUCATION

PROFESSORS HITCHCOCK AND PHILLIPS

1. Personal hygiene; lectures on fundamental laws affecting health. (One-hour course.) Pyle's *Personal Hygiene*.

2. Human physiology. Martin's *Human Body, Advanced Course*.

Except in Senior year, light gymnastic drill is required four times a week the first and second terms.

## BIOLOGY

PROFESSORS TYLER AND LOOMIS

1. Evolution of vertebrates.

2. Evolution of invertebrates.

Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structure and affinities of the great divisions of the animal kingdom are investigated.

3. Comparative anatomy of vertebrates. (1 requisite.)

4. Comparative anatomy of vertebrates and their distribution. (1 and 3 requisite.)

5. Development of the child. Prehistoric man (1 requisite).

6. Vertebrate embryology. Biological problems. (1 requisite.)

## BOTANY

MR. GOODALE

2. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by means of

lectures and laboratory work upon certain types representative of the main groups of plants. Field work is required during the latter part of the semester.

This course will be offered in 1905-1906.

4. Phanerogamic Botany. Detailed study of the structure and physiology of the Spermatophytes or seed plants. The lectures and recitations are supplemented by required field work in the region around Amherst and by preparation of an herbarium.

This course is offered in 1904-1905.

#### GREEK ART

PROFESSOR H. DE F. SMITH

1. Sculpture and architecture, with a study of the Mycenæan age and an account of the principal excavations. Lectures illustrated by pictures, casts, and lantern slides. Collateral reading, with assignment of topics for investigation.

#### GERMAN AND ITALIAN ART

PROFESSOR RICHARDSON AND DR. BAXTER

2. Italian architecture. Lectures on Roman, early Christian, Byzantine, Romanesque, Gothic, and Renaissance architecture; and on the history of German painting up to the end of the nineteenth century. Lectures illustrated by lantern slides. Required reading and reports.

#### MUSIC

PROFESSOR BIGELOW

1. Elements of music; history of the scales; sight-reading; elementary harmony; chord analysis; choral and orchestral work.

2. Chord analysis; sight-reading and harmony continued; history of music; study of forms; choral and orchestral work. (1 requisite.)

3, 4. History of music continued; form analysis; musical literature; choral and orchestral work. (1, 2 requisite)

Students not electing the above outlined courses may, on certain conditions, become members of the chorus or orchestra, and receive credit for their work on the college books, subject to the approval of the instructor in charge.

#### THE HENRY WARD BEECHER LECTURESHIP

This Lectureship is named in honor of Henry Ward Beecher of the class of 1834. It is to be awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences, and will pay the holder the sum of five hundred dollars. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

The lecturer this year is Professor John B. Clark of Columbia University. Upon the general subject, The Problem of Monopoly, he will give the following lectures: Effects of Free Competition; The Growth of Corporations; Natural Checks on the Power of Corporations; Protection and Monopoly; Anti-trust Laws; Organized Labor and Monopoly; Agrarian Movements; Governmental Monopolies.

# Lists of Electives

## FRESHMAN YEAR

### Bachelor of Arts Course

#### \*GROUP 1

##### *First Semester (Required)*

English 1  
Greek 1  
Latin 1  
Mathematics 1  
Hygiene 1

##### *Second Semester (Required)*

English 2  
Greek 2  
Latin 2  
Mathematics 4  
Public Speaking 2

##### *Elective (Choose one)*

French 1  
German 1  
Chemistry 1  
Physics 1

##### *Elective (Choose one)*

French 2  
German 2  
Chemistry 2  
Physics 2  
English 4

#### \*GROUP 2 AND 3

##### *Required*

Latin 1 or  
Greek 1  
English 1  
Mathematics 1  
Hygiene 1

##### *Required*

Latin 2 or  
Greek 2  
English 2  
Mathematics 4  
Public Speaking 2

\* For definition of groups see page 41.

*First Semester*

*Elective (Choose one)*

Chemistry 1  
 French 1  
 † French 3  
 ‡ French 5  
 German 1  
 † German 3  
 ‡ German 5  
 Physics 1  
 Mathematics 3

*Second Semester*

*Elective (Choose one)*

Chemistry 2  
 French 2  
 § French 4  
 || French 6  
 German 2  
 § German 4  
 || German 6  
 English 4  
 Physics 2  
 Physiology

**Bachelor of Science Course**

*First Semester (Required)*

English 1  
 Latin 1  
 French 1 or †3  
 German 1 or †3  
 Mathematics 1  
 Hygiene 1

} (Choose two)

*Second Semester (Required)*

English 2  
 { Latin 2  
 { French 2 or §4  
 { German 2 or §4  
 Mathematics 4  
 Public Speaking 2

*Elective (Choose one)*

Chemistry 1  
 Mathematics 3  
 Physics 1

*Elective (Choose one)*

English 4  
 Chemistry 2  
 Physiology 2  
 Physics 2

† An elective for those who have been accepted in Elementary French or Elementary German at entrance.

‡ An elective for those who have been accepted in Advanced French or Advanced German at entrance.

§ An elective for those who have completed course 3.

|| An elective for those who have completed course 5.



## SOPHOMORE YEAR

Each student must elect five courses.

*First Semester*

History 1  
 Greek 3  
 Latin 3  
 German 1  
 German 3  
 German 5  
 French 1  
 French 3  
 French 5  
 Italian 1  
 Spanish 1  
 English 5  
 English 7  
 Public Speaking 5 (*required*)  
 Mathematics 5  
 Physics 1  
 Physics 3  
 Chemistry 3  
 Biology 3

Music 1

*Second Semester*

History 2  
 Greek 4  
 Latin 4  
 German 2  
 German 4  
 German 6  
 French 2  
 French 4  
 French 6  
 Italian 2  
 Spanish 2  
 English 6  
 English 8  
 Mathematics 6  
 Physics 2  
 Physics 4  
 Chemistry 4  
 Biology 4  
 Botany 2  
 Botany 4  
 Physiology  
 Music 2

and any preceding courses

## JUNIOR YEAR

Each student must elect five courses.

*First Semester*

Philosophy 1  
History 3  
History 5  
Biblical Literature 1  
Biblical Literature 3  
Biblical Literature 5  
Biblical Literature 7  
Greek 5  
Greek 7  
Greek Art  
  
Latin 5  
Economics 1  
  
  
  
German 3  
German 5  
German 7  
French 3  
French 5  
French 7  
French 9  
Italian 3  
Italian 5  
Spanish 3  
Spanish 5  
English 9

*Second Semester*

Philosophy 2  
History 4  
History 6  
Biblical Literature 2  
Biblical Literature 4  
Biblical Literature 6  
Biblical Literature 8  
Greek 6  
Greek 8  
Greek 10  
Italian and German Art  
Latin 6  
Economics 2  
Economics 4  
Economics 6  
Modern Government 2  
German 4  
German 6  
German 8  
French 4  
French 6  
French 8  
French 10  
Italian 4  
Italian 6  
Spanish 4  
Spanish 6  
English 10

*First Semester*

English 11  
 English 13  
 English 15  
  
 English 21  
 English 23  
 Public Speaking 7  
 Mathematics 7  
 Physics 3  
 Chemistry 3  
 Geology 1  
 Biology 5  
 Music 1  
 Music 3

*Second Semester*

English 12  
 English 14  
 English 16  
 English 18  
 English 22  
 English 24  
  
 Mathematics 8  
 Physics 4  
 Chemistry 4  
 Geology 2  
 Biology 6  
 Music 2  
 Music 4

and any preceding courses

## SENIOR YEAR

Each student must elect four courses.

*First Semester*

Philosophy 3  
 History 7  
 Economics 1  
 Economics 3  
 Economics 7  
  
 Modern Government 3  
 Biblical Literature 9  
 Greek 5  
 Greek 7  
 Latin 7

*Second Semester*

History 8  
 Economics 2  
 Economics 4  
 Economics 8  
 Economics 6  
 Economics 10  
 Modern Government 4  
  
 Greek 6  
 Greek 8  
 Latin 8

*First Semester*

German 3  
 German 5  
 German 7  
 French 3  
 French 5  
 French 7  
 French 9  
 French 11  
 English 19  
 Public Speaking 9 (*required*)  
 Mathematics 9

Physics 3  
 Physics 5  
 Astronomy 1

Chemistry 5  
 Geology 3  
 Music 1  
 Music 3  
 Sanskrit 1

and any preceding courses

*Second Semester*

German 4  
 German 6  
 German 8  
 French 4  
 French 6  
 French 8  
 French 10  
 French 12  
 English 20  
 Public Speaking 10 (*required*)  
 Mathematics 10  
 Mathematics 12  
 Mathematics 14  
 Physics 4  
 Physics 6  
 Astronomy 2  
 Astronomy 4  
 Chemistry 6  
 Geology 4  
 Music 2  
 Music 4  
 Sanskrit 2

# Clubs and Societies

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## ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish and Italian,—the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. To further the object of the Club regular, informal, weekly meetings are held, foreign dailies and illustrated weeklies are kept on file in the Club Room, which is always open to members, distinguished foreigners are invited to speak in their native tongue under the auspices of the Club, plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

## GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews. Weekly meetings are held, at which German only is spoken.

## LITERARY CLUB

The Literary Club, meeting fortnightly, is organized and conducted by students, but the teachers of English are active members. The purpose of the Club is to increase interest in English literature, to form correct literary opinions, and to promote free discussion of literary subjects. Special attention is given to modern and current literature. The Club also affords opportunity to hear prominent lecturers from outside the College.

## CHORUS AND ORCHESTRAL WORK

A chorus and orchestra consisting of students, Faculty, and citizens of the town and vicinity, after practice extending throughout the college year, render during the Spring term and at Commencement some of the larger musical masterpieces, thus giving all who can sing, or play an instrument, an opportunity for practice and development in the realm of good music. The works studied, thus far, are Mendelssohn's Oratorios *St. Paul* and *Hymn of Praise*, Handel's *Dettingen Te Deum*, Mendelssohn's *Hear my Prayer*, the overture to Von Weber's *Freischütz*, Handel's *Messiah*, Beethoven's *Seventh Symphony*, and Mozart's *Zauberflöte Overture*. Mendelssohn's *Elijah* is in preparation. Also a string quartet meets regularly for the study of chamber music.

## COLLEGE CHOIR

Students at the College who are gifted with good voices, and have experience in singing, may become members of the choir, whenever there are vacancies, and receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

# The College Library

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THE COLLEGE LIBRARY contains about eighty thousand volumes, selected mainly with reference to purposes of study and thoughtful reading. The object kept constantly in view is to broaden the scope of the work of both teachers and students; and the library is therefore well furnished with books of a general and illustrative character, so that any subject may readily be pursued beyond the limits of text-book or monographic treatment.

The funds available for the increase of the library, and restricted to that use, yield an annual income of about four thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain the encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves in the main library-room. In each section of the room, chairs and tables near the shelves furnish facilities for using the books, and the librarian and assistants are ready to give each applicant all needed help in reading and research. By this means students gradually become familiar with the use of a library, and acquire something of the bibliographic sense indispensable to the genuine scholar. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the college library and reading-room are open from 8.45 A.M. to 9.30 P.M. every day excepting Sundays and holidays. During vacations the library and reading-room are open five hours daily, except from August 15 to September 15.

By vote of the trustees, the library building bears the name of The Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.



# The Mather Art Museum

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FOR purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, as well as the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenaean, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence, while the corresponding space at the west end is filled by a reproduction of Crawford's doors of the Capitol at Washington. This Museum, containing, as it does, copies of a great number of the world's masterpieces of sculpture, is of inestimable value to the College and a worthy memorial to the devoted labors of Professor Mather.

Entrance to the Museum is gained through the central door on the north side of Williston Hall, or through the smaller door, on the same side, leading to the Greek room. It is open every week-day, while College is in session, from the first of May to the first of December, from two to three o'clock P.M.

At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the Library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments: while in the vestibule of the Library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Dr. Henry Lobdell from the walls of the palace of Sardanapalus at Nimroud.

## Laboratories and Apparatus

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NEW laboratories for chemistry and physics have been erected upon the land added to the College campus by gift of Mr. D. Willis James. The chemical laboratory has ample accommodations for all needs of the department. It contains on the first floor a Senior laboratory and balance room for quantitative analysis; also another laboratory, arranged with sixty desks, fitted for the qualitative work of Junior year. Adjacent are the supply rooms. Upon the second floor is a lecture room with accommodation for the largest classes, and adjoining is a commodious room for all preparations and apparatus for lecture experiments. Upon the same floor is a working laboratory for students in general chemistry, where sixty can easily be accommodated at one time. Also on this floor is a laboratory arranged for organic and sanitary work, with a combustion room contiguous. Upon each floor is a convenient recitation room for drill work. A library room is in proximity to the work of the more advanced students. In the well-lighted basement are store-rooms for glassware, chemicals and acids, an assay room, a gas analysis room, and a workshop.

On the main floor of the physical laboratory is a large lecture room, provided with a variety of arrangements to aid in demonstrations. Immediately adjoining the lecture room is an apparatus room with a valuable and complete collection for lecture illustration. There are also on this floor a library and reading room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a

spectroscope room equipped with a powerful concave-grating spectroscope. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power. Throughout the building slate shelves and brackets are built into the walls to secure steadiness, and in the basement are substantial piers. The collection of apparatus includes many instruments of precision suitable for investigation as well as instruction.

The biological laboratory is connected with the Appleton Cabinet. On the first floor is the large recitation room, containing the study collections of animals and a full local herbarium. The collection is illustrated by a set of Leuckart's wall charts. Adjoining the recitation room is the reading room, or department library. This library, the gift of former students in the department, contains at present about two hundred and fifty volumes, and includes two or more copies of the larger and more expensive text-books and books of reference. The student is thus enabled to study the specimen with the best charts and books of reference immediately within his reach. On the south side of the second floor is the large laboratory for beginners, where sixty men can find place and light to work at the same time. With few exceptions, however, each division is limited to twelve students. On the north side is the laboratory for advanced work, with accommodations for about twenty students. Both laboratories are abundantly supplied with microscopes, microtomes, and all needed instruments.

# The Observatory

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THE Observatory and its equipment are maintained both for educational purposes and for original research. The old Observatory, built in 1847 on the College grounds, has been dismantled and is no longer used.

A bequest of the late Charles T. Wilder of Wellesley Hills, supplemented by a gift of Mr. D. Willis James of New York, has enabled the Trustees to acquire an excellent site near the College, upon which the new Observatory, with a thoroughly modern equipment, is now in process of erection. The architects are Messrs. McKim, Mead and White, and ground was broken the 2d of May, 1903; the corner-stone was laid the 23d of June, and the building is now approaching completion. The large dome is thirty-five feet in diameter, and will house an eighteen-inch telescope which Alvan Clark & Sons have already well advanced toward completion. The small dome is to contain a twelve-inch photographic telescope, the lens of which is ready for mounting. The observatory equipment comprises a twelve-inch reflector, the gift of Rev. Albert J. Lyman, D.D., of Brooklyn, and built by his father; a six-inch Edgecomb reflector, the gift of Mr. Leonard W. Pope of the class of 1902; a seven and one fourth inch refractor (the first instrument ever built and completely mounted by the Clarks), an altazimuth, two transits with the usual accessories for meridian observations, surveying and engineering instruments, and much other apparatus in large part photographic and chiefly of use on eclipse expeditions.

The library of Amherst College Observatory contains about twelve hundred volumes. The amount contributed by alumni and friends of the College for the Observatory, its equipment,

the site, and Observatory House, the Director's residence, exceeds \$75,000. The land included in the Observatory property is about seven and one half acres. Adjoining property owned by the College, and which may be regarded as additional protection, approaches thirty acres in extent.

Connected with the Observatory is the division of practical meteorology.

The Observatory has in addition the usual nautical instruments for instruction in the theory and practice of navigation.

# The Natural History Collections

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THE Woods Cabinet is named in honor of its principal donor, the late Hon. Josiah B. Woods of Enfield. It contains all the geological collections of the College, consisting of the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection; comprising in all about twenty-five thousand specimens.

In the Appleton Cabinet, named in honor of the late Hon. Samuel Appleton of Boston, are the Hitchcock ichnological collection, the Gilbert museum of Indian relics, and the Adams zoölogical collection.

In the ichnological collection, named after President Hitchcock, are to be found about fourteen hundred specimens, containing at least twenty thousand tracks of animals in stone, together with plaster and clay casts of tracks of living and extinct species of animals. The museum of Indian relics receives its name from the Hon. George Gilbert of Ware, by whose liberality it was mainly established. It comprises about thirty-five hundred specimens of the stone implements of extinct Indian tribes, principally those who lived in the Connecticut valley. The zoölogical collection was originally gathered and arranged by Professor Charles B. Adams. It comprises prepared specimens of animals and their habitations, and dried plants, representing all the great groups of the animal and vegetable kingdoms. In the department of shells it is particularly extensive and valuable. A collection in comparative osteology, and the clastic models of Auzoux, are incorporated with the zoölogical collection. The collections arranged in these several cabinets contain more than

one hundred thousand specimens of the animal, mineral, and vegetable kingdoms.

By the gift of the Hon. Elbert E. Farman, LL.D. of Warsaw, New York, the College possesses Audubon's celebrated collection of birds, amounting in all to about six hundred specimens. Many of these are the typical specimens by which the species were determined, and about one hundred have been mounted for exhibition in the Appleton Cabinet. Also, there have been added to this collection by the same donor several of the rarer California birds which have been discovered since the death of Audubon.

The cabinets are open to the public every week-day from three to four P.M.

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## The Pratt Gymnasium

THE Pratt Gymnasium is the gift of Charles M. Pratt of New York, of the class of 1879. The main hall affords ample space for a class to receive drill practice with light apparatus, and to execute certain marching movements. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously. The facilities of the dressing-room and the bathing-rooms are abundant.

On the main floor are the offices of the Professors of hygiene and rooms containing anthropometric apparatus for the measurement and examination of students. The two physicians of the College are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing room and hand-ball court. In the basement are the bowling-alleys, a



sparring-room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M. and for special purposes in the evening.

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## The Pratt Swimming Pool

THE PRATT SWIMMING POOL, to be built the present year, is the gift of Harold I. Pratt of the Class of 1900. The pool is to be seventy-five feet long and twenty-two feet wide. Apparatus for water sports will be provided. The building which contains the swimming pool will be connected by a corridor with the Gymnasium. The Pool will be on the first floor, with a platform for spectators. On the second floor will be one double and three single squash racquet courts, the gift of a former member of the Class of 1896. The pool and the racquet courts will be free to all students.

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## The Pratt Field and Recreation Grounds

THE PRATT FIELD, an area of about thirteen acres, less than one-third of a mile from the College, superbly located on the eastern slope of the Connecticut Valley, is the gift of Frederic B. Pratt of New York, of the Class of 1881. It is intended for out-door recreation of all students of the College as well as for those who compete in the games. It is provided with a well-laid quarter-mile track and space for field contests, with a baseball diamond and football grounds. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths and store-rooms.

## The Pratt Health Cottage

THE PRATT HEALTH COTTAGE, in an elevated situation three-fourths of a mile from the College, is the joint gift of George D. Pratt of the class of 1893, Herbert L. Pratt of the class of 1895, and John T. Pratt of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physicians have general charge of all cases in the infirmary, except that any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. A matron, who is a graduate nurse, in attendance upon the Cottage, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. The cost to each patient is only a charge sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1884, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

## Dormitories

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THE rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. Dry sub-cellars insure perfect ventilation. The buildings are heated with steam and there are tiled open fireplaces in most of the rooms. The floors of carefully matched hard wood may be left uncarpeted and used with rugs. On the second floor of each half of each dormitory there is a bath room with all modern appointments. Set marble basins with modern plumbing and running water are supplied in each room. The halls are lighted with gas, and the prices named for room-rent include heat, water, and care of the rooms by capable janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date members of college may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one-quarter on engaging the room, one-quarter on the first of October, and the balance on the first of March.

### NORTH COLLEGE

#### NORTH ENTRY

*First Floor:* No. 1, \$90; No. 2, \$80; No. 3, \$80; No. 4, \$90.

*Second Floor:* No. 5, \$115; Nos. 6 and 6A, \$135; No. 8, \$120; Room D, \$55.

*Third Floor:* No. 9, \$115; No. 10, \$90; No. 11, \$90; No. 12, \$120; Room E, \$60.

*Fourth Floor:* No. 13, \$110; No. 14, \$85; No. 15, \$85; No. 16, \$115; Room F, \$55.

## SOUTH ENTRY

*First Floor:* No. 17, \$80; No. 19, \$85; No. 20, \$80; No. 18, \$85.

*Second Floor:* Nos. 21 and 21A, \$135; No. 22, \$115; No. 23, \$120; Room A, \$55.

*Third Floor:* No. 25, \$90; No. 26, \$115; No. 27, \$120; No. 28, \$90; Room B, \$60.

*Fourth Floor:* No. 29, \$85; No. 30, \$110; No. 31, \$115; No. 32, \$85; Room C, \$55.

## SOUTH COLLEGE

## NORTH ENTRY

*First Floor:* No. 1, \$85; No. 2, \$65; No. 2A, \$40; No. 3, \$40; No. 4, \$85. (Nos. 2 and 2A should rent as a suite, and No. 3 may rent with them.)

*Second Floor:* No. 5, \$115; Nos. 6 and 6A, \$135; No. 7, \$55; No. 8, \$120.

*Third Floor:* No. 9, \$115; No. 10, \$90; No. 10A, \$50; No. 10B, \$45; No. 11, \$60; No. 12, \$120. (Nos. 10, 10A, and 10B should rent as a suite; or Nos. 10 and 10A may be rented together, and No. 10B and No. 11 may be rented as a suite.)

*Fourth Floor:* No. 13, \$110; No. 14, \$80; No. 14A, \$50; No. 14B, \$45; No. 15, \$55; No. 16, \$115. (Nos. 14, 14A and 14B should rent as a suite; or Nos. 14 and 14A may be rented together, and No. 14B may be rented with No. 15 as a suite.)

## SOUTH ENTRY

*First Floor:* No. 17, \$80; No. 18, \$95; No. 19, \$95; No. 20, \$80.

*Second Floor:* Nos. 21 and 21A, \$135; No. 22, \$125; No. 23, \$125; Room A, \$55.

*Third Floor:* No. 25, \$95; No. 26, \$125; No. 27, \$125; No. 28, \$95; Room B, \$65.

*Fourth Floor:* No. 29, \$90; No. 30, \$120; No. 31, \$120; No. 32, \$90; Room C, \$60.

# Administration

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## TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time, divided into the Autumn, Winter and Spring terms. There is a recess of two weeks beginning three days before Christmas, a recess of two weeks beginning March 30, and a Summer vacation of twelve weeks. Commencement Day is the last Wednesday in June.

A printed schedule of the exercises of the College is published at the beginning of each semester. On Wednesday and Saturday afternoons all exercises are suspended.

## ATTENDANCE AT RECITATIONS AND LECTURES

From class-room exercises five absences are allowed from every three-hour course in each semester. In courses involving more or less than three hours a week and in laboratory courses the number of allowed absences must not exceed one-tenth of the total number of exercises. Three tardy marks count as one absence.

A student who has more absences than are allowed in any course must take an examination corresponding to those absences before he can be admitted to the final examination. If he fails on this examination, five one-hundredths for each absence are deducted from his mark in the course.

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All students going home to vote have an opportunity to make up for the necessary absences by special recitations or exercises.

### EXAMINATIONS

Examinations are held at the end of each semester, or at intervals during the semester, in all courses. There are no second or make-up examinations after the close of a semester, except in required courses.

A student who has failed in a required course may take a second examination the day before the beginning of the next college year. A Senior who has failed in any course or courses of the second semester may take a second examination in the Senior vacation. A Senior who has failed in any course or courses of the first semester, in case there are no courses that can be substituted the second semester, may take a second examination in the Senior vacation.

No student may anticipate a final examination except by special permission obtained from the Administration Committee.

### DELINQUENCIES

A student who has failed in a required course on a second examination is obliged to repeat it the following year with the next lower class. A student who has failed in an elective course is obliged to repeat it the following year, or may, with the consent of the Administration Committee, substitute another course in one of the two following semesters.

A student who, on account of illness, does not take a final examination may be granted the privilege of a special examination, provided he presents a certificate from one of the College physicians.

## GRADUATION IN LESS THAN FOUR YEARS

## GRADUATION IN THREE YEARS

A student who, by examination, has at entrance credit for two semester courses, may take six courses each semester, besides required work in declamation, debates and hygiene, in order to obtain a degree in three years, provided he maintains an average standing of 75. Written notice of intention to complete the course in three years shall be given at the beginning of the first year.

## GRADUATION IN THREE AND ONE-HALF YEARS

A student may complete the course in three and one-half years by taking after the first year six courses during three semesters and five courses during two semesters, besides required work in declamation, debates and hygiene, provided he maintains an average standing of 75, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one-half years shall be given at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

No student shall take more than the required number of studies in any term in order to shorten the course, or for any other reason, except by permission of the Administration Committee.

## ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each semester; from the Sunday service, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Registrar, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age,



his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises on account of sickness must be made to one of the College physicians.

### ATTENDANCE AT GYMNASIUM

Four hours a week of physical exercise are required of the Freshman, Sophomore and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after the Fall Athletic Meet. A limited number of students are excused from the required attendance at the Gymnasium while they are actively training for one of the athletic teams of the College.

Each student on entering College is required to take a physical examination.

### PUBLIC EXHIBITIONS

Any club, association, or team of students proposing to give one or more entertainments or exhibitions, before making any contracts or engagements, must present their plans to the Committee on Public Exhibitions who will be ready to confer with the Manager and another representative of the Club or Association, and no engagements shall be made without the approval of the Committee.

No student who has more than one semester delinquency is allowed to take part in any public game or entertainment given by any club, association, or team of students; nor any student whose work in the current term is so unsatisfactory as to call for special action by the Faculty, or the Administration Committee.

No individual student shall compete in athletics outside of Amherst in term-time without first obtaining permission from the Committee.



## TERM BILLS, BOND, AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals amount to one hundred and ten dollars for the year. One-half of the annual charge is due on the first day of October, the other half on the first day of March. A bond of two hundred dollars, with satisfactory surety for the payment of all college bills, must be given to the Treasurer by each student when he enters college.

Each member of the Senior class is required to pay a graduation fee of six dollars.

## LABORATORY FEES

Physics	{ First year, each semester . . . . .	\$5.00
	{ Second and third years, each semester . . . . .	7.00
Biology	{ First year, each semester . . . . .	5.00
	{ Second and third years, each semester . . . . .	8.00
Chemistry	{ First year, first semester . . . . .	5.00
	{ First year, second semester . . . . .	4.00
	{ Second year, first semester . . . . .	10.00
	{ Second year, second semester . . . . .	7.50
	{ Third year, each semester . . . . .	15.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

## EXPENSES

The following table shows three scales of annual expenditures, omitting clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:

	Low	Moderate	Liberal
Tuition . . . . .	\$110	\$110	\$110
Room (one-half) . . . . .	35	55	75
Furniture (annual average) . . . . .	10	20	30
Board thirty-six weeks . . . . .	126	144	160
Fuel and light . . . . .	10	15	25
	<u>\$291</u>	<u>\$344</u>	<u>\$400</u>

## RELIGIOUS CULTURE

The Christian life of the College finds expression through the College church and the Christian Association. Prayers are conducted by the President each week-day morning at half-past eight o'clock in Johnson chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. There are class prayer-meetings and Bible classes on Sunday and a prayer-meeting on Thursday evening. A communion service is held in the College Church five times during the year.

## PHYSICAL CULTURE

The department of hygiene and physical education is under the charge of two physicians, who keep themselves acquainted with the health of all the students. Soon after he enters College, and twice thereafter during his collegiate course, each student is minutely examined in reference to his strength and physical condition, and advised as to any particular course he should take for the maintenance and increase of his health and strength. A manual of average measurements, together with a record of his own measurements, is given him; also he is directed to the most advantageous use of the ample appliances with which the Pratt Gymnasium and athletic field are provided.

Besides the exercises which every student may take by himself, the members of each class except Seniors regularly exercise together in the gymnasium four times every week, during the Autumn and Winter terms. Unless excused for physical disability, the attendance of every student is required at the gymnasium for the performance of these exercises in light gymnastics.

The results of this system of prescribed gymnastic training pursued in the College have been eminently satisfactory. While hygienists affirm that, as a general rule, the health of a young

man from fifteen to twenty-five years of age is apt to decline, the reverse rule is found to prevail with students here. From statistics systematically kept for more than thirty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class, best of all. Moreover, this average is shown to come from improvement in the physical condition of the individual student, and not from absence of those who drop out of the course because physically too weak to complete it.

# Degrees

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## DEGREE OF BACHELOR OF ARTS

CANDIDATES for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, twenty-eight semester-courses. Those candidates who present for admission both ancient languages are required to study those languages the first year. Those who present, in addition to Latin and Greek, a modern language, elementary and advanced, may elect that language the first year, instead of one of the ancient languages. Those who present for admission one ancient language are required to study that language through the first year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

## DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, twenty-eight semester-courses. Besides the mathematics of Freshman year they shall complete twelve semester-courses in natural sciences, mathematics and economics, of which not more than three may be economic courses. They shall complete also second year German and second year of a Romance language. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship. A student who presents advanced Latin among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by electing the Latin courses of Freshman year.

## DEGREE OF MASTER OF ARTS

The degree of Master of Arts will be conferred upon Bachelors of Arts of Amherst College who have spent a year in resi-

dence at the college, pursuing a systematic course of liberal, non-professional study, approved by the committee on degrees. Proficiency will be tested by examination or by examination and thesis, as may be determined by the professors under whose direction studies are pursued.

The degree will be conferred upon Bachelors of Arts of this college who have been one year in residence at another college and have fulfilled the requirements indicated in the preceding paragraph.

The degree will be conferred upon Bachelors of Arts of this College, not in residence at the college, who, not less than three years after graduation, have completed a course of liberal, non-professional study approved by the committee on degrees. Proficiency will be tested by examination or by examination and thesis on a subject approved by the Faculty.

Those who complete, at the end of the first semester of Senior year, the requirements for the degree of Bachelor of Arts, may apply the remainder of the year to studies leading to the degree of Master of Arts and finish their studies in non-residence the following year, receiving the degree one year after graduation.

Every resident candidate must register his name and subjects of study with the Registrar not later than October first.

Every non-resident candidate shall register his name and subjects with the Registrar not later than October first preceding the Commencement when the degree is conferred.

Every candidate who completes the requirements for the Bachelor's degree at the end of the first semester of Senior year and applies the remainder of the year to studies leading to the Master's degree shall register his name and subjects not later than December first.

Every resident candidate shall pay the regular tuition for each term of residence, and a diploma fee of five dollars. Every non-

resident candidate shall pay a fee of ten dollars for examination and diploma.

Also, the requirements for the Master's degree may be fulfilled until, but not after the Academic year beginning September, 1904, by (*a*) a three years' course of professional study at a school of theology, law, or medicine, of approved standing, or (*b*) three years spent in teaching the higher branches in a classical or scientific school of approved standing, together with evidence of special study of teaching as an art or science, or of some branch of literature, philosophy, history, or science. When application for the degree is made under caption (*b*), it is expected that the candidate will submit evidence of success in his chosen profession of teaching. All candidates under (*a*) and (*b*) are required to present, not later than June 1st, a satisfactory thesis on a subject previously approved by the Faculty.

Communications relative to the requirements for the degree should be addressed to Professor John F. Genung, Chairman of the Committee on Degrees.

#### SPECIAL COURSE

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, unless any of those studies have been taken already. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages and History. After the first year all studies are elective.

# Fellowships

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## THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Of two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, will be awarded annually to a member of the Senior class for excellence in history and the social and economic sciences, under conditions determined by the Faculty. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

## THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of Green Bay, Wisconsin, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions: —

(1) He shall be selected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.



(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

The Fellowship was established in 1892. The first incumbent was Arthur H. Pierce, PH.D., of the class of 1888, who was appointed Kellogg Fellow in 1893, studied at the Universities of Berlin, Strassburg and Paris three years, lectured at Amherst College four years on Psychology, and published "Studies in Space Perception," 1901. He is now professor of Psychology in Smith College. The present (second) incumbent is Frank Otis Reed of the class of 1899, who was appointed Kellogg Fellow in 1900, has pursued studies in the Romance Languages at Madrid and Paris, and has lectured at Amherst College one year.

#### THE EDWARD HITCHCOCK FELLOWSHIP IN PHYSICAL EDUCATION

This fellowship was founded by Mrs. Frank L. Babbott of Brooklyn, N. Y., in order to promote graduate study in the department of physical education. It is conferred by appointment of the Faculty and pays the holder five hundred dollars per annum. Its object is to make the student familiar with the



best methods of physical training, both in the gymnasium and on the field.

#### THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

# Honors

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## COMMENCEMENT EXERCISES

The six Seniors who have attained the highest general standing are appointed to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

## THE PHI BETA KAPPA SOCIETY

Those who at the end of the second semester of Junior year have attained a general standing represented by eighty-eight or more, on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the second term of Senior year have attained a general standing represented by eighty-five or more, are elected members of the society.

## FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions :

(1) The candidate must complete the last four semester-courses. The three semester-courses in modern Government may be grouped with one semester in History, Philosophy or Economics, in which a standing of eighty must be maintained. In History the Junior courses 3 and 4 may be reckoned as two of the last four courses. The special work of collateral reading or investigation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Faculty.

(2) The candidate must have at graduation an average

standing of not less than eighty in all studies of the college course: a standing of not less than seventy-five in every study of Senior year, and of ninety in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by a thesis, or by both, at the end of Senior year.

(4) The names of successful candidates are announced at Commencement and in the annual catalogue.

(5) Notice of intention to become a candidate must be given to the Registrar by October 10th of the Senior year.

(6) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added to rank.

#### HONORABLE MENTION

(1) There must be a standing of not less than eighty in every department for the year.

(2) An average of ninety-three must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention will be announced at Commencement and in the annual catalogue.

# Prizes

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THE following prizes are offered annually for proficiency in the work of several of the departments of collegiate study :—

## GREEK

**The Hutchins Prize** of fifty dollars, to the best scholar in Greek at the end of the Junior year, given by the late Hon. Waldo Hutchins of New York. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

## LATIN

**The Bertram Prizes** of fifty, thirty, and twenty dollars respectively, given by the late John Bertram of Salem. These prizes will be awarded for the best essays by Seniors upon the beginnings of Latin philosophical literature and of Latin Christian literature, as illustrated by the *De Rerum Natura* of Lucretius, and the *Liber Apologeticus* of Tertullian, with an excursus on the civilization and language of Roman Africa in the second century A.D.

**The Billings Prizes**, one of thirty dollars, and one of twenty dollars, given by the late Parmly Billings of Billings, Montana, for excellence in the Latin of the Senior year.

**The Law Latin Prizes**, one of fifteen dollars, and one of ten dollars, for excellence in the Law Latin of the Senior year.

**The Thompson Prizes**, of thirty, twenty, and ten dollars respectively, given by the Rev. Walter Thompson of Garrison's, New York, for the highest scholarship in the Latin of the Junior year, together with especial work.

**The Sophomore Prizes**, one of twenty dollars and one of ten dollars, for the best examinations on portions of the work especially connected with the study of Latin philology, together with general excellence in the work of the year.

**The Freshman Prizes**, one of twenty dollars and one of ten dollars, for the highest scholarship in the work of Freshman year. The award will generally be determined by the regular recitations and examinations, but a special examination may be required.

#### ENGLISH

**The Kellogg Prizes**, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of Green Bay, Wisconsin, for excellence in declamation.

**The Hardy Prizes**, the first prize of thirty dollars, the second prize of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking. These prizes are awarded in Commencement week.

**The Hyde Prize** of one hundred dollars, given by Benjamin D. Hyde of Boston, in memory of his father, Henry D. Hyde, for many years a Trustee of Amherst College, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

**The Bond Prize** of one hundred dollars, given by the late Ephraim W. Bond of Springfield, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

**The Kent Prize in English Literature** of one hundred dollars, given by Daniel Kent of Worcester, for the best essay upon an assigned subject. The essay for 1905 may be written upon any one of the following subjects: (1) Walter Pater as a Critic of Literature; (2) The Treatment of Nature in American Literature; (3) The Novels of Mrs. Humphry Ward.

**The Ladd Prizes** of fifty dollars in books, given by J. W. Ladd of Portland, Oregon, to members of the class in public speaking who excel in oratorical composition the first semester of Junior year.

**The Armstrong Prizes** of one hundred dollars in books, given by Collin Armstrong of New York, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman Class who excel in composition.

## BIBLICAL LITERATURE

**The Boynton Term Prizes** of thirty dollars, given by the family of the late Eleazar Boynton of Medford, to encourage personal study and investigation of the Bible. These prizes are divided into two of fifteen dollars each, and are awarded, one at the end of each semester, to the student who writes the best essay on an assigned topic covering the work of the semester. No award will be made in case all the essays submitted are found unsatisfactory.

## MATHEMATICS, PHYSICS, AND ASTRONOMY

**The Walker Prizes**, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, one of eighty and one of forty dollars, are awarded for excellence in the mathematics of Sophomore year.

Two prizes, one of fifty and one of thirty dollars, are awarded for excellence in the mathematics of Freshman year.

The award in each case is determined by an examination.

**The Porter Prizes**, one of twenty dollars for excellence in physics and one of ten dollars in astronomy, given by the late Eleazar Porter of Hadley. These awards are made at the conclusion of the collegiate course, and are determined by the record of all recitations and examinations in these departments.

**The A. C. James Navigation Prize** of fifty dollars, for highest excellence in the course in navigation.

## NATURAL SCIENCE

**The Shepard Mineralogical Prizes** of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, to members of the Senior class for greatest excellence in the department of mineralogy.

**The Sawyer Prize**, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer of Easthampton, for the best work in human anatomy and physiology.

**The A. Lyman Williston Prize** of fifteen and ten dollars, given by A. Lyman Williston of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

### THE PORTER ADMISSION PRIZE

**The Porter Admission Prize** of fifty dollars, given by the late Eleazar Porter of Hadley, to the candidate who passes the best examination for admission to the Freshman class. The name of the successful candidate, together with that of the school at which or the instructor with whom he prepared for college, is published in the catalogue.

### OTHER PRIZES

**The Leland Prize** of one hundred dollars, given by Dr. George A. Leland of Boston, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

**The Ladd Prizes**, the sum of one hundred dollars, given by William M. Ladd of Portland, Oregon, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

**The Woods Prize** of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

**Dante Prize:** an annual prize of one hundred dollars is offered by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the professor of Romance Languages.

# Scholarship and Beneficiary Aid

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THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually by a committee of the Faculty, among students of high character and good scholarship who need pecuniary aid.

In this distribution the following general rules are observed : —

No aid from beneficiary funds is given to (*a*) students who fail to maintain a high standard of honor in college life ; (*b*) students who are delinquent in any subject at the time of their application ; (*c*) students whose average rank for the year preceding their application has been below seventy per cent ; (*d*) students whose habits are not economical ; (*e*) students who enter the College for special courses of study, without reference to a degree.

Awards from beneficiary funds are paid in two instalments on the first of October and March respectively, when the college term-bills become due ; but the second instalment of these awards is payable only on condition that the applicant is free from all delinquencies in his college work at the end of the first semester.

The receipt of financial assistance for a given year establishes no claim to a subsequent award.

Applicants for beneficiary aid in the three upper classes must file at the Registrar's office before the first of October a certified statement of their resources for the current academic year, together with three letters of recommendation, giving evidence of their need, attainments, and character. In place of the above specified letters of recommendation, applicants for the renewal of such aid must present a certified account of their expenditures and income for the year preceding their application.

Upon nomination by the principal or teacher who prepared them for college, a limited number of applicants of exceptional



ability and good character may be assured, in advance of the opening of the college year, of awards varying from fifty to one hundred dollars, according to their need and attainments. Candidates for the Christian ministry may be assured of awards covering full tuition. Awards are not payable unless the applicant is free from entrance conditions on the first of October. Blanks for scholarship applications may be obtained of the Registrar; and applications must be accompanied by three letters of recommendation, giving evidence of the applicant's character and attainments, and of his need of pecuniary aid. No awards to the entering class will be announced before the first of May.

Awards are made from the income of the following funds:—

**The Charitable Fund**, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

**The Stone Educational Fund**, \$25,000.

**The Class of 1871 Scholarship Fund**, \$25,000, established by a member of the Class.

**The William Hilton Scholarship Fund**, \$17,500, the bequest of William Hilton of Boston.

**The Whitcomb Scholarship Fund**, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

**The Hitchcock Scholarship Fund**, \$10,000, established by Samuel A. Hitchcock of Brimfield.

**The Emerson Gaylord Scholarship Fund**, \$6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

**The Day Benevolent Fund**, \$5000, the bequest of Moses Day of Boston.

**The Seymour Scholarship Fund**, \$5000, the bequest of James S. Seymour of Auburn, New York.

**The John E. Sanford Class-of-1851 Scholarship Fund**, \$5000, established by John E. Sanford of Taunton.

**The Farnsworth Scholarship Fund**, \$3000, established by Isaac D. Farnsworth of Boston.

**The Knowles Scholarship Fund**, \$3000, the bequest of Lucius J. Knowles of Worcester.

**A Scholarship Fund**, \$3000, established by a friend of the College.

**The Reed Scholarship Fund**, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

- The Harold Ely Morse Memorial Scholarship Fund**, \$2500, established by the family of Professor Anson D. Morse.
- The Class of 1877 Scholarship Fund**, \$2500, established by the Class.
- The Persian Scholarship Fund**, \$2000, the bequest of Rev. James L. Merri-  
rick of Amherst.
- The Charles Merriam Scholarship Fund**, \$2000, established by Charles  
Merriam of Springfield.
- The Quincy Tufts Scholarship Fund**, \$2000, the bequest of Quincy Tufts  
of Boston.
- The Henry Gridley Class-of-1862 Scholarship Fund**, \$2000, established by  
the Class in memory of their classmate whose name it bears.
- The Borden Scholarship Fund**, \$2000, the bequest of Samuel Augustus  
Borden of Boston.
- The Anderson Scholarship Fund**, \$2000, the bequest of Samuel Augustus  
Borden of Boston.
- The W. Eugene Kimball Scholarship Fund**, \$2000, established by Robert  
J. Kimball of Brooklyn, New York.
- The Morse Scholarship Fund**, \$2000, established by Charles L. Morse of  
Brooklyn, New York, of the class of 1901.
- The Draper Scholarship Fund**, \$2000, established by Warren F. Draper of  
Andover, of the class of 1847.
- The Alexander H. Bullock Scholarship Fund**, \$1500 established by Alex-  
ander H. Bullock of Worcester, of the Class of 1836.
- The Class of 1836 Scholarship Fund**, \$1500, established by the Class.
- The Class of 1853 Scholarship Fund**, \$1500, established by the Class.
- The Class of 1871 Scholarship Fund**, \$1400, established by the Class.
- The Class of 1826 Scholarship Fund**, \$500, established by two members of  
the Class.
- The Class of 1844 Scholarship Fund**, \$500, established by three members  
of the Class.

Thirty scholarship funds of \$1000 each as follows : —

- The Levi Russell Scholarship Fund**, established by Levi Russell of Hadley.
- The Tuttle Scholarship Fund**, the bequest of Mrs. Sarah Tuttle of Way-  
land.
- The George Cook Scholarship Fund**, established by George Cook of Keene,  
New Hampshire, of the Class of 1841.
- The Enos Dickinson Scholarship Fund**, established by Enos Dickinson of  
Amherst.
- The John C. Newton Scholarship Fund**, established by John C. Newton  
of Worcester.

**The James H. Newton Scholarship Fund**, established by James H. Newton of Holyoke.

**The Johnson Class-of-1823 Scholarship Fund**, established by A. J. Johnson of New York City.

**The Southworth Class-of-1822 Scholarship Fund**, established by Wells Southworth of New Haven, Connecticut.

**The Joseph Carew Scholarship Fund**, established by Joseph Carew of South Hadley.

**The Gregory Class-of-1850 Scholarship Fund**, established by James J. H. Gregory of Marblehead.

**The Dolly Coleman Blake Scholarship Fund**, the bequest of Dolly Coleman Blake of Boston.

**The Miller Scholarship Fund**, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller, of the Class of 1869.

**The Green Scholarship Fund**, the bequest of Rev. Henry Solomon Green of Andover, of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

**The Thomas Hale Scholarship Fund**, established by Mrs. Alice T. March of Newburyport.

**The Mary W. Hyde Scholarship Fund**, the bequest of Mary W. Hyde of Boston.

**The Sarah B. Hyde Scholarship Fund**, the bequest of Sarah B. Hyde of Boston.

**The W. S. Tyler Class-of-1830 Scholarship Fund**, the bequest of Professor William Seymour Tyler of Amherst.

**The Class Scholarship Funds**, established by and bearing the names, respectively, of

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

**The Composite Scholarship Fund**, established jointly by the following Classes :—

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

Funds yielding the following amounts annually :—

**The Moore Scholarships**, four of \$140 each, established by Rev. Zephaniah Swift Moore, D.D., first president of the College.

**The State Scholarships**, three of \$110 each, covering full tuition.

**The Adams Scholarships**, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

Also the following scholarships maintained by annual gifts : —

**The Sayles Scholarship**, \$100, given by Fred Thomas Sayles of the Class of 1881.

**The A. Lyman Williston Scholarship**, \$50, given by A. Lyman Williston of Northampton.

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## Student Loan Fund

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THROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship, not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

## Publications

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THE annual catalogue is issued in December and is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of all alumni, indicating degrees received and positions held, is issued once in five years.

A weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs is issued by an editorial board of students.

*The Literary Monthly*, conducted by students, contains essays, poems, stories and book notices.

*The Olio*, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

# Alumni Associations

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## The Society of the Alumni

*(Annual Meeting in Commencement Week)*

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Professor JOHN M. TYLER

Professor J. FRANKLIN JAMESON

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HENRY P. FIELD, Esq., '80

Mr. WILLIAM E. PARKER, '84

Professor JOSEPH O. THOMPSON, '84

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*Secretary:* Mr. H. H. TITSWORTH, 424 Marquette Building

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*Secretary:* Professor W. B. CLARK, Johns Hopkins University

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*Secretary:* WALLACE H. DAVIS, Esq., Main Floor, Bank of Commerce Building, Minneapolis, Minn.

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*Secretary:* Mr. WALTER C. LONGSTRETH, 1540 Land Title Building

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*Secretary :* EDWARD D. UPHAM, Esq., Denver

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*President :* Mr. GEORGE E. CHURCH

*Secretary :* W. B. GREENOUGH, Esq., 32 Westminster St., Providence

**The Association of Southern California**

*President :* President GUY W. WADSWORTH

*Secretary :* CALVIN E. WOODSIDE, Esq., Wilcox Building, Los Angeles

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**The Association of Western New York**

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**The Association of Arizona**

*President :* Mr. STUART W. FRENCH

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*President :* Mr. WILLIAM E. BYRNES

*Secretary :* Mr. CHARLES W. DISBROW, University Club, Cleveland



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*Corresponding Secretary :*

Professor EDWIN A. GROSVENOR, LL.D.

*Recording Secretary :*

Mr. ROBERT J. BOTTOMLY

---

### RAILROAD CONNECTIONS

The Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

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JOHN CRIDAR  
LIBRARY

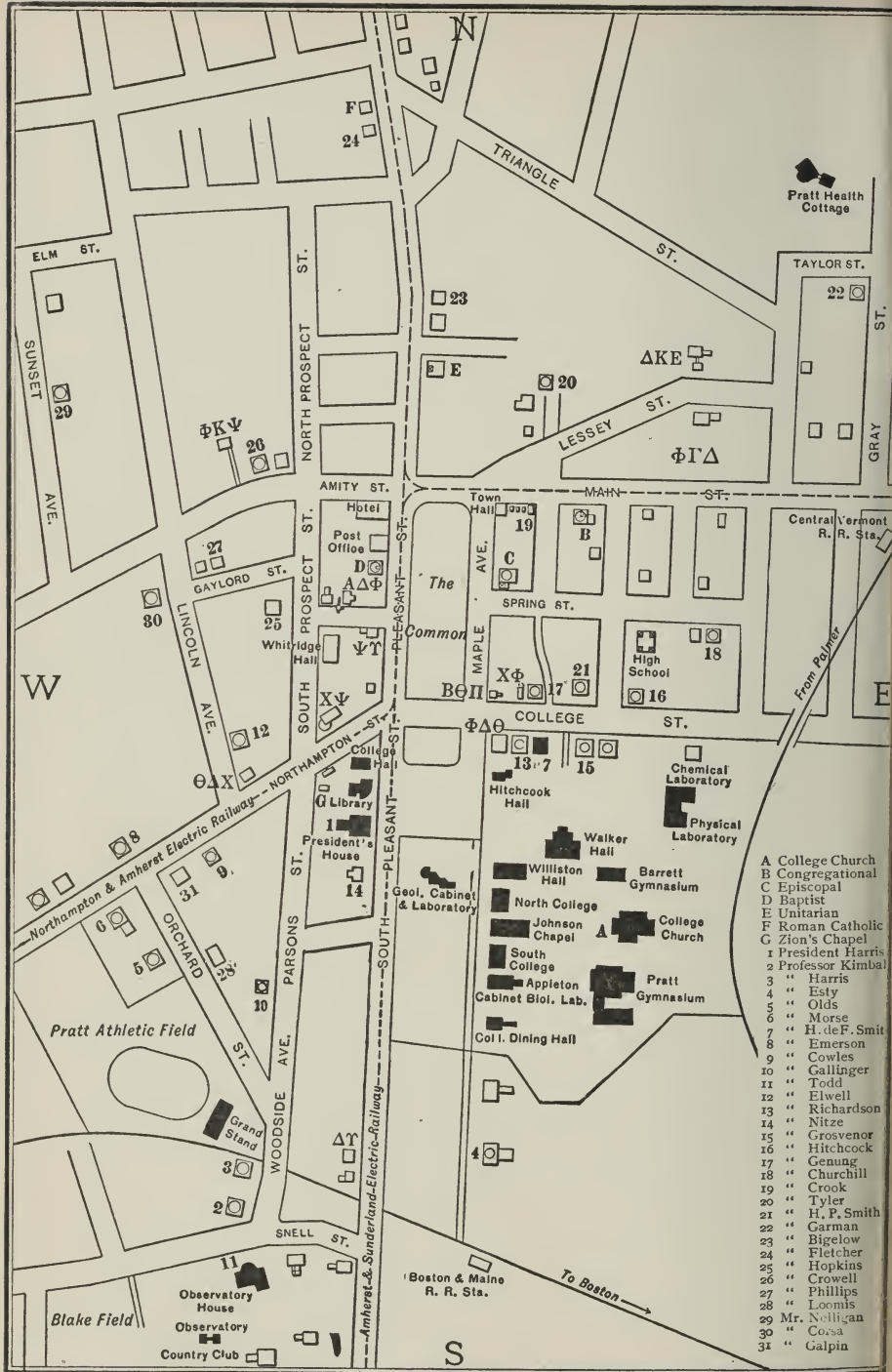
# Amherst College Catalogue 1905-1906





*AMHERST COLLEGE CATALOGUE*





- A College Church  
 B Congregational  
 C Episcopal  
 D Baptist  
 E Unitarian  
 F Roman Catholic  
 G Zion's Chapel  
 1 President Harris  
 2 Professor Kimball  
 3 " Harris  
 4 " Esty  
 5 " Olds  
 6 " Morse  
 7 H. de F. Smith  
 8 Emerson  
 9 Cowles  
 10 Callinger  
 11 Todd  
 12 Elwell  
 13 Richardson  
 14 Nitze  
 15 Grosvenor  
 16 Hitchcock  
 17 Genung  
 18 Churchill  
 19 Crook  
 20 Tyler  
 21 " H. P. Smith  
 22 Garman  
 23 Bigelow  
 24 Fletcher  
 25 Hopkins  
 26 Crowell  
 27 Phillips  
 28 Loomis  
 29 Mr. Nelligan  
 30 " Cora  
 31 " Galpin

# Amherst College Catalogue

For the Year  
1905—1906



Amherst ✞ Massachusetts  
Published by the College

1905

## JULY

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1906

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1907

## JANUARY

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# College Calendar

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1905

September	18-21,	Examinations for admission	Monday to Thursday
September	21,	<b>Beginning of the College Year</b>	11.30 A.M. Thursday
October	12,	Mountain Day, a holiday	Thursday
Nov. 29—Dec. 2,		Thanksgiving Recess	Wednesday to Saturday
December	20,	<b>Christmas Recess begins</b>	12.20 P.M., Wednesday

1906

January	4,	<b>Christmas Recess ends</b>	2 P.M., Thursday
February	1-7,	Semi-Annual Examinations	Thursday to Wednesday
February	7,	First Half-Year ends	Wednesday

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February	8,	Second Half-Year begins	Thursday
February	11,	Day of Prayer for Colleges	Sunday
February	22,	Washington's Birthday, a holiday	Thursday
March	14,	Ladd and Leland Gymnastic Exhibition	Wednesday
March	29,	<b>Spring Recess begins</b>	12.20 P.M., Thursday
April	11,	<b>Spring Recess ends</b>	8.15 A.M., Wednesday
May	30,	Memorial Day, a holiday	Wednesday
June	11-16,	Senior Examinations	Monday to Saturday
June	18-23,	Semi-Annual Examinations	Monday to Saturday
June	19-22,	Examinations for Admission	Tuesday to Friday
June	24,	Baccalaureate Sermon	Sunday
June	25,	Hardy Prize Debate	Monday afternoon
June	25,	Kellogg Prize Declamation	Monday evening
June	26,	Class Day	Tuesday
June	26,	Hyde Prize Orations	Tuesday evening
June	27,	Commencement Exercises	Wednesday forenoon
June	27,	Alumni Dinner	Wednesday afternoon
June	27,	President's Reception	Wednesday evening

## SUMMER VACATION OF TWELVE WEEKS

September	17-20	Examinations for Admission	Monday to Thursday
September	20,	<b>Beginning of the College Year</b>	11.30 A.M., Thursday
December	20,	<b>Christmas Recess begins</b>	12.20 P.M., Thursday

## Organization

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AMHERST COLLEGE was opened 19th September 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received 21st February 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforward be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor 28th April 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is The Trustees of Amherst College.

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

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*President of the College*

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*Secretary of the Corporation*

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EDWIN F. BAYLEY, Esq. . . . Chicago, Ill.

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*Treasurer of the Corporation*

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M. FAYETTE DICKINSON, M.A. . . . .	Boston, Mass.
Professor WILLIAM B. GRAVES, M.A. . . .	Andover, Mass.
JOHN C. HAMMOND, M.A. . . . .	Northampton, Mass.
Rev. ROBERT M. WOODS, M.A. . . . .	Hatfield, Mass.
LEWIS W. WEST . . . . .	Hadley, Mass.
Rev. JAMES W. BIXLER, D.D. . . . .	New London, Conn.

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WALTER M. HOWLAND, M.A., *Commissioner*

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---

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*Moore Professor of the Latin Language and Literature*

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*Parmly Billings Professor of Hygiene and Physical Education, and Dean of the Faculty*

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BENJAMIN KENDALL EMERSON, PH.D.

*Hitchcock Professor of Mineralogy and Geology*

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*Winkley Professor of History*

HENRY BULLARD RICHARDSON, M.A.

*Professor of the German Language and Literature*

JOHN MASON TYLER, PH.D.

*Stone Professor of Biology*

CHARLES EDWARD GARMAN, D.D.

*Professor of Mental and Moral Philosophy*

<sup>1</sup> On the Chester W. Chapin endowment



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*Professor of Latin*

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*Professor of Physics*

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*Walker Professor of Mathematics*

EDWIN AUGUSTUS GROSVENOR, LL.D.

*Professor of Modern Government and International Law*

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*Professor of the Greek Language and Literature*

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*Professor of English Literature*

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*Professor of Romance Languages*

THOMAS CUSHING ESTY, M.A.

*Professor of Mathematics*

<sup>1</sup> On the Sidney Dillon Fund endowment

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*Associate Professor of Chemistry*

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FREDERIC BREWSTER LOOMIS, PH.D.

*Associate Professor of Biology*

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*Instructor in the Romance Languages*

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*Instructor in Chemistry*

JOHN ERSKINE, PH.D.

*Instructor in English*

JOHN CORSA, B.A.

*Instructor in Logic and Public Speaking*

STANLEY LEMAN GALPIN, PH.D.

*Instructor in the Romance Languages and Latin*

CHARLES FRANK THOMAS, B.A.

*Walker Instructor in Mathematics*

HAROLD LOOMIS CLEASBY, PH.D.

*Instructor in Latin*

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*Assistant in Astronomy*

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*Lecturer on English Literature*

PROFESSOR MUNROE SMITH, M.A., J.U.D.

*Henry Ward Beecher Lecturer on History*

FRANK OTIS REED, PH.D.

*Lecturer on the Rufus B. Kellogg University Fellowship*

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*Otis Librarian*

ALFRED SHEPARD GOODALE, B.A.

*Registrar, Instructor in Botany*

HARRY WELTON KIDDER, B.A.

*Assistant to the Treasurer*

## Committees of the Faculty

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**Administration:** The PRESIDENT, Professors RICHARDSON, H. DEF. SMITH, KIMBALL, OLDS.

**Library:** The PRESIDENT, Professors KIMBALL, H. DEF. SMITH, GENUNG, GROSVENOR, NITZE, CROOK, the TREASURER.

**Catalogue:** The PRESIDENT, Professors HITCHCOCK, TODD, H. DEF. SMITH.

**Entrance Examinations:** Professors COWLES, KIMBALL, OLDS, GENUNG, ELWELL, HOPKINS, BIGELOW, NITZE, GALLINGER, the REGISTRAR.

**Certificate Privilege:** The PRESIDENT, Professors TYLER, COWLES, HOPKINS.

**Curriculum:** The PRESIDENT, Professors ESTY, HARRIS, EMERSON, GENUNG, MORSE, RICHARDSON, GARMAN, COWLES, KIMBALL, H. DEF. SMITH, CROOK.

**Scholarship and Beneficiary Aid:** The PRESIDENT, Professors HITCHCOCK, TYLER, COWLES, H. P. SMITH.

**Student Loan Fund:** The PRESIDENT, Professor TODD, the TREASURER.

**Monitors:** Professors HITCHCOCK, CROWELL, the REGISTRAR.

**Public Exhibitions:** The PRESIDENT, Professors HITCHCOCK, GROSVENOR, CHURCHILL, THOMPSON, PHILLIPS, CROOK.

**Commencement:** Professors HITCHCOCK, TODD. Mr. KIDDER.

**Degrees:** The PRESIDENT, Professors GENUNG, CROOK.

**Alumni Teachers' Exchange:** Professors RICHARDSON, TYLER, GARMAN, GENUNG, COWLES, OLDS, the REGISTRAR.

# College Preachers

1904-1905

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Mr. ROBERT E. SPEER . . . . .	New York, N. Y.
Pres. CHARLES CUTHBERT HALL, D.D. . . . .	New York, N. Y.
Rev. HENRY E. COBB, D.D. . . . .	New York, N. Y.
Dean WILFORD L. ROBBINS, D.D. . . . .	New York, N. Y.
Bishop WM. F. MACDOWELL . . . . .	Boston, Mass.
Rev. LYMAN ABBOTT, D.D. . . . .	New York, N. Y.
Bishop ALEXANDER H. VINTON, D.D. . . . .	Springfield, Mass.
Rev. WM. R. RICHARDS, D.D. . . . .	New York, N. Y.
Pres. WM. DEW. HYDE, D.D., LL.D. . . . .	Brunswick, Me.
Rev. ROCKWELL H. POTTER . . . . .	Hartford, Conn.
Rev. H. P. DEWEY, D.D. . . . .	Brooklyn, N. Y.
Rev. ALEXANDER MCKENZIE, D.D. . . . .	Cambridge, Mass.
Prof. BENJAMIN W. BACON, D.D. . . . .	New Haven, Conn.
Rev. JOHN T. STONE . . . . .	Baltimore, Md.
Rev. EDWARD F. SANDERSON . . . . .	Providence, R. I.
Rev. ROBERT A. HUME, D.D. . . . .	India
Pres. WM. D. MCKENZIE, D.D. . . . .	Hartford, Conn.
Prof. THOMAS C. HALL, D.D. . . . .	New York, N. Y.
Rev. ALBERT J. LYMAN, D.D. . . . .	Brooklyn, N. Y.
Rev. HENRY S. COFFIN . . . . .	New York, N. Y.
Rev. HERBERT A. JUMP . . . . .	Brunswick, Me.
Rev. NEHEMIAH BOYNTON, D.D. . . . .	Detroit, Mich.
Rev. FRANK J. GOODWIN . . . . .	Pawtucket, R. I.
Rev. HENRY H. KELSEY . . . . .	Hartford, Conn.
Prof. GEORGE F. MOORE, D.D. . . . .	Cambridge, Mass.

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President HARRIS, Professors SMITH AND GENUNG

## Fellows and Graduates

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FRANK OTIS REED, PH.D. . . . . Amherst, Mass.

*Rufus B. Kellogg University Fellow*

RALPH SHATTUCK PATCH B.S. (1905) . . . Amherst, Mass.

*Edward Hitchcock Fellow*

ELY OTHMAN MERCHANT, B.A. (1904) . . . New York, N. Y.

FRITZ WALTER BALDWIN, JR., B.A. (1905) . . . New York, N. Y.

*Roswell Dwight Hitchcock Memorial Fellows in History*

ROBERT JAMES BOTTOMLY, B.A. (1905) . . . Boston, Mass.

*South End House Fellow*

# Senior Class

Alden, Lester Fayette	<i>Amherst, Mass.</i>	22 Belchertown Road
Atwood, Roy Lees	<i>Newton Highlands, Mass.</i>	Θ Δ X House
Bale, Frederick Sewall	<i>Asbury Park, N. J.</i>	Ψ T House
Behrends, Frederick Rouse	<i>Shelter Island Heights, N. Y.</i>	Ψ T House
Bishop, Clifford Monroe	<i>Brooklyn, N. Y.</i>	Ψ T House
Blatchford, Nathaniel Hopkins, Jr.	<i>Chicago, Ill.</i>	A Δ Φ House
Boyden, Ralph Howard	<i>Foxboro, Mass.</i>	Φ K Ψ House
Brewster, Kingman	<i>Worthington, Mass.</i>	A Δ Φ House
Bridgman, Philip Ashley	<i>Belchertown, Mass.</i>	Δ T House
Browne, Edward Kendall	<i>Auburndale, Mass.</i>	Φ K Ψ House
Burrill, Edgar White	<i>North Brookfield, Mass.</i>	Φ Δ Θ House
Butler, Norman Franklyn	<i>Lenox, Mass.</i>	X Ψ Lodge
Carter, George Bradley	<i>Greene, N. Y.</i>	Δ T House
Clough, Harvey Burnett	<i>Tolland, Conn.</i>	9 Hunt's Block
Cook, Philip Remington	<i>North Attleboro, Mass.</i>	B Θ Π House
Crawford, Harry Colvin	<i>Worcester, Mass.</i>	Θ Δ X House
Crook, Francis Delbert	<i>Seattle, Wash.</i>	1 College Ave.
Davenport, William Rufus	<i>Taunton, Mass.</i>	A Δ Ψ House
De Forest, John Starr	<i>Auburndale, Mass.</i>	Φ K Ψ House
Delabarre, Everett Merrill	<i>Amherst, Mass.</i>	A Δ Φ House
Denio, Fayette Winchester	<i>Springfield, Mass.</i>	B Θ Π House
Dillon, Augustus Ignatius	<i>Cortland, N. Y.</i>	Φ K Ψ House
Dodge, Everett Francis	<i>Beverly, Mass.</i>	Δ T House
Downey, Walter Francis	<i>North Brookfield, Mass.</i>	Φ Δ Θ House
Draper, Ernest Gallaudet	<i>Washington, D. C.</i>	A Δ Φ House
Draper, Warren Fales	<i>Newton Highlands, Mass.</i>	Θ Δ X House
Ely, Richard Grenville	<i>Frederick, Md.</i>	1 College Ave.
Field, Leonard Dudley	<i>Binghamton, N. Y.</i>	Φ K Ψ House
Forbes, William Trowbridge Mer-		
rifield	<i>Worcester, Mass.</i>	Φ Γ Δ House
Foster, Norman Percy	<i>Washington, D. C.</i>	Θ Δ X House
Gaunt, Ernest Henry	<i>Methuen, Mass.</i>	X Ψ Lodge
Gilmore, Arthur Harold	<i>Attleboro, Mass.</i>	2 S. Pleasant St.
Glasgow, Edgar Wilson	<i>Jackson, Mich.</i>	Δ T House
Grover, Harry Greenwood	<i>Halifax, Mass.</i>	97 S. Pleasant St.

Hale, Arthur Waldron	<i>Hudson, Mass.</i>	B Θ II House
Hale, William, Jr.	<i>Gananoque, Can.</i>	Φ Γ Δ House
Hall, Clifton Rumery	<i>Danvers, Mass.</i>	Δ T House
Hamilton, James Shelley	<i>Miller's Falls, Mass.</i>	X Φ House
Harris, George, Jr.	<i>Amherst, Mass.</i>	A Δ Φ House
Hartzell, Clinton Harold	<i>Washington, Pa.</i>	Δ T House
Hayward, Afton Smith	<i>Amherst, Mass.</i>	South Amherst
Hildreth, Ellison Story	<i>Holyoke, Mass.</i>	B Θ II House
Hitt, Rollin West	<i>Mittineague, Mass.</i>	Φ Γ Δ House
Hollender, Carl Edwin	<i>Brattleboro, Vt.</i>	Δ K E House
Holt, Frank Everett	<i>Temple, N. H.</i>	1 College Ave.
Hooker, Charles Worcester	<i>Amherst, Mass.</i>	5 North East St.
Howe, Gordon Milne	<i>Brooklyn, N. Y.</i>	Δ T House
Howes, Howard Willcut	<i>Cummington, Mass.</i>	Φ K Ψ House
Hubbard, Walter Palmer	<i>Concord, Mass.</i>	Δ K E House
Kane, Maurice Joseph	<i>Gardiner, Me.</i>	Θ Δ X House
Knapp, Robert Cole	<i>Canandaigua, N. Y.</i>	X Φ House
Krom, George Sharpe	<i>High Falls, N. Y.</i>	9 Hunt's Block
Lattimer, Gardner	<i>Columbus, Ohio</i>	X Ψ Lodge
Lewis, Clifford Benson	<i>West Somerville, Mass.</i>	Δ T House
Lidell, Burton William	<i>Oneonta, N. Y.</i>	Δ K E House
Love, Lacy Marion	<i>St. Louis, Mo.</i>	Ψ T House
McRae, Edson Alexander	<i>Mansfield, Mass.</i>	Φ Δ Θ House
Matteson, Benjamin Howard	<i>Oneonta, N. Y.</i>	Δ K E House
Mellen, Albert Henry	<i>Newton Highlands, Mass.</i>	Ψ T House
Newton, Howard Augustine	<i>Winchester, Mass.</i>	19 Main St.
Norris, Walter John	<i>Southampton, Mass.</i>	2 S. Pleasant St.
Norton, George Edward	<i>Hallowell, Me.</i>	Δ K E House
Patterson, Shirley Gale	<i>Hartford, Conn.</i>	17 N. Pleasant St.
Peacock, Reuben Jeffery	<i>Brooklyn, N. Y.</i>	B Θ II House
Pethybridge, Charles Edward	<i>Fitchburg, Mass.</i>	Δ T House
Porter, George William	<i>Agawam, Mass.</i>	Φ Γ Δ House
Powell, Robert Carlisle	<i>Poughkeepsie, N. Y.</i>	Φ Δ Θ House
Pugsley, Reginald Martin	<i>Gowanda, N. Y.</i>	16 Nash's Block
Rand, Sumner Goldthwait	<i>Providence, R. I.</i>	Θ Δ X House
Richenaker, George Henry	<i>Brockport, N. Y.</i>	Φ Γ Δ House
Roberts, James Walker	<i>Hartford, Conn.</i>	Φ Δ Θ House
Scudder, Elisha Gage, Jr.	<i>St. Louis, Mo.</i>	Ψ T House
Simonson, Devore Nevius	<i>Port Byron, Ill.</i>	Δ K E House



Snyder, Morton Ives	<i>Amherst, Mass.</i>	Δ T House
Sparrow, Carl Atsatt	<i>Mattapoisett, Mass.</i>	Φ Γ Δ House
Spear, Clarence Adams	<i>Brooklyn, N. Y.</i>	Θ Δ X House
Stebbins, Howard Leslie	<i>Springfield, Mass.</i>	Φ Γ Δ House
Stevens, Wilbert Alexander	<i>Chester, N. S.</i>	2 S. Pleasant St.
Storke, Alan Marshall	<i>Auburn, N. Y.</i>	Ψ T House
Thayer, Frederick Gilles	<i>Wollaston, Mass.</i>	College Library
Tyler, Mason Whiting	<i>Amherst, Mass.</i>	Ψ T House
Utter, Henry Edwin	<i>Westerly, R. I.</i>	Δ K E House
van Etten, Royal Cornelius	<i>Rhinebeck, N. Y.</i>	A Δ Φ House
Ward, Mark Hopkins	<i>Medford, Mass.</i>	Φ K Ψ House
Ward, William Earl Dodge	<i>Medford, Mass.</i>	Φ K Ψ House
Webster, William Harvey	<i>Truxton, N. Y.</i>	A Δ Φ House
Wheeler, Ralph Waldo	<i>Cortland, N. Y.</i>	Φ K Ψ House
Williams, Elijah Roberts	<i>Geneva, N. Y.</i>	Θ Δ X House
Wing, Newton Cordis	<i>Palmer, Mass.</i>	B Θ II House
Wood, George Arthur	<i>Southampton, Mass.</i>	Pratt Cottage
Wood, George Ernest	<i>Ellington, Conn.</i>	Φ Γ Δ House

## Junior Class

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Allaben, Max Fenimore	<i>Polo, Ill.</i>	Nash's Block
Allaire, Leonard Curren	<i>Hatfield, Mass.</i>	22 Amity St.
Allchin, Stanley Danforth	<i>Osaka, Japan</i>	B Θ Π House
Andrews, Chester Huston	<i>Walpole, Mass.</i>	Φ K Ψ House
Arnold, Samuel Earl	<i>Brattleboro, Vt.</i>	8 Woodside Ave.
Atwood, Felix Ballard	<i>Brooklyn, N. Y.</i>	Φ K Ψ House
Averill, Theodore Burton	<i>Flushing, N. Y.</i>	Δ T House
Barlow, Harry Edward	<i>Amherst, Mass.</i>	133 Main St.
Barton, Bruce Fairchild	<i>Oak Park, Ill.</i>	Α Δ Φ House
Beach, Harry Teachout	<i>Burlington, Vt.</i>	15 Nash's Block
Beecher, Daniel	<i>Prescott, Mass.</i>	12 Hunt's Block
Bell, Roy Whiting	<i>Albany, N. Y.</i>	Ψ T House
Billings, Roswell Graves	<i>Hatfield, Mass.</i>	Φ Γ Δ House
Blanchard, Sidney Cutting	<i>Winchester, Mass.</i>	Φ K Ψ House
Brown, Harold Stuart	<i>Belmont, N. Y.</i>	Θ Δ X House
Carter, Joseph Coleman	<i>Versailles, Ky.</i>	X Ψ Lodge
Cary, George Emerson	<i>Kyoto, Japan</i>	Φ K Ψ House
Chestnut, James LeCount	<i>Washington, D. C.</i>	D North College
Comins, Harold Harvey	<i>Stafford Springs, Conn.</i>	Δ T House
Conley, William Edward	<i>Brooklyn, N. Y.</i>	Φ Γ Δ House
Connell, James Carl	<i>Baldwinsville, N. Y.</i>	Δ K E House
Crook, Harold Richard	<i>Seattle, Wash.</i>	1 College Ave.
Crowe, John Simpson,	<i>Holyoke, Mass.</i>	Chemical Laboratory
Cumming, Robert Black	<i>Belchertown, Mass.</i>	16 Nash's Block
Dorflinger, Charles William	<i>Honesdale, Pa.</i>	X Φ House
Fletcher, John Lockwood	<i>Amherst, Mass.</i>	54 Pleasant St.
Foster, Clarence Spencer	<i>Hartford, Conn.</i>	College Library
Godfrey, Francis Joseph	<i>Northampton, Mass.</i>	
Graham, Chester Campbell	<i>Bloomington, Ill.</i>	
Greenaway, George, Jr.	<i>Indian Orchard, Mass.</i>	2 S. Pleasant St.
Hall, Edward Twichell	<i>Andover, Mass.</i>	Θ Δ X House

Hardy, George Elliott	<i>Fitchburg, Mass.</i>	Φ Γ Δ House
Hartshorne, Hugh	<i>Methuen, Mass.</i>	X Ψ Lodge
Haseltine, William	<i>Bradford, Mass.</i>	Φ Γ Δ House
Hawkes, Walter Ernest	<i>Cliftondale, Mass.</i>	Φ K Ψ House
Hay, Harry Robert	<i>Pittsfield, Mass.</i>	B Θ Π House
Hood, George Cooper	<i>Corning, N. Y.</i>	B Θ Π House
Hubbard, John Houghton	<i>Hatfield, Mass.</i>	Φ Γ Δ House
Hunter, John Montgomery	<i>Sunbury, Pa.</i>	Ψ T House
Jones, Roland Jewett	<i>St. Louis, Mo.</i>	Ψ T House
Kaine, John Daniel	<i>Brattleboro, Vt.</i>	
King, Henry Hall	<i>Rutland, Mass.</i>	71 S. Pleasant St.
Lamb, Clarence Alvan	<i>Attleboro, Mass.</i>	15 Nash's Block
Lewis, Frank Edward Anthony	<i>Wellesley, Mass.</i>	Gymnasium
Locke, Owen Alvin	<i>Northampton, Mass.</i>	B Θ Π House
McChesney, John	<i>Montclair, N. J.</i>	Δ T House
McClelland, John Joseph	<i>Westhaven, Conn.</i>	Φ K Ψ House
Malconian, Malcolm Vartan	<i>Chicopee, Mass.</i>	2 S. Pleasant St.
Monroe, Samuel Frederic	<i>Cos Cob, Conn.</i>	71 S. Pleasant St.
Morton, John Jamieson	<i>Worcester, Mass.</i>	Φ Γ Δ House
Oberly, John Shimer	<i>Easton, Pa.</i>	B Θ Π House
Osborn, Henry Sanford	<i>Redding, Conn.</i>	Δ T House
Palmer, Herbert Hall	<i>Braintree, Mass.</i>	Δ T House
Pond, Walter Franklin	<i>Greenfield, Mass.</i>	Φ K Ψ House
Powell, Chilton Latham	<i>Baltimore, Md.</i>	3 Northampton Road
Pratt, Elmer Atwin	<i>Housatonic, Mass.</i>	Φ Δ Θ House
Price, Walter Smith	<i>Westerly, R. I.</i>	Δ K E House
Rand, Albert Edward	<i>Providence, R. I.</i>	A Δ Φ House
Rowe, Harry A.	<i>Amsterdam, N. Y.</i>	Φ Δ Θ House
Scott, Robert Harry	<i>Brooklyn, N. Y.</i>	Φ Γ Δ House
Sheehan, Daniel Francis	<i>Northampton, Mass.</i>	8 Woodside Ave.
Slocum, Charles Pulsifer	<i>Newtonville, Mass.</i>	Δ K E House
Stevens, Clayton Pingree	<i>Northampton, Mass.</i>	5 Parsons St.
Sweet, Henry Lewis	<i>West Stockbridge, Mass.</i>	8 Spring St.
Swett, Warren Lincoln	<i>Gloucester, Mass.</i>	Φ Δ Θ House
Twitchell, Edmund Warner	<i>Lockport, N. Y.</i>	X Ψ Lodge
Vinal, Charles Albert	<i>Newton Centre, Mass.</i>	12 Spring St.
Walbridge, Merrell Packard	<i>St. Louis, Mo.</i>	A Δ Φ House
Waller, John Mather	<i>New London, Conn.</i>	Ψ T House
Whitelaw, Robert Malcolm	<i>St. Louis, Mo.</i>	Ψ T House

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## Junior Class

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Willard, John Dayton	<i>Amherst, Mass.</i>	31 Lincoln Ave.
Wilson, Claude Thomas	<i>Waterville, N. Y.</i>	A Δ Φ House
Worcester, James Newbegin	<i>Bloomfield, N. J.</i>	Φ Δ Θ House
Wright, Edward Nims	<i>Northampton, Mass.</i>	20 North College
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# Sophomore Class

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Abbott, Donald Beardsley	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Baily, Harold James	<i>Brooklyn, N. Y.</i>	B Θ Π House
Bartlett, Alfred Lewis	<i>New York, N. Y.</i>	9 Nash's Block
Benedict, Gilbert W.	<i>Fulton, N. Y.</i>	6 Lincoln Ave.
Birdsall, Wilfred Thomas	<i>Philadelphia, Pa.</i>	A Δ Φ House
Birge, Julius Stanley	<i>St. Louis, Mo.</i>	X Ψ Lodge
Black, Lyman Foster	<i>Elgin, Ill.</i>	Δ T House
Blanchard, Cecil King	<i>Quincy, Mass.</i>	5 North College
Bogardus, William Henry	<i>Chicopee Falls, Mass.</i>	Θ Δ X House
Bonney, Holbrook	<i>New York, N. Y.</i>	A Δ Φ House
Boynton, Edward Chadbourne	<i>Brooklyn, N. Y.</i>	X Φ House
Burg, William Henderson	<i>St. Louis, Mo.</i>	X Ψ Lodge
Burns, George	<i>Rochester, N. Y.</i>	14 Nash's Block
Burt, Frank Allen	<i>Newton, Mass.</i>	Φ Γ Δ House
Burt, Philip Hunt	<i>Newton, Mass.</i>	Φ Γ Δ House
Callahan, James Henry	<i>Northampton, Mass.</i>	
Chapin, Warren Storrs	<i>Hartford, Conn.</i>	A Δ Φ House
Clough, Harry Linwood	<i>Brockton, Mass.</i>	X Φ House
Cobb, Perry Rush	<i>Schoolcraft, Mich.</i>	69 S. Pleasant St.
Cobb, Sumner Warren	<i>Easthampton, Mass.</i>	B Θ Π House
Conkling, Roscoe Seely	<i>Newburgh, N. Y.</i>	Δ K E House
Connell, Edgar William	<i>Scranton, Pa.</i>	1 Nash Court
Curby, Kenneth Spargo	<i>St. Louis, Mo.</i>	Ψ T House
Danahey, Michael Ignatius	<i>Amherst, Mass.</i>	28 McClellan St.
Davis, Harry Willard	<i>Greenfield, Mass.</i>	18 South College
Delamater, John Oscar*	<i>Arlington, N. Y.</i>	Nash's Block
Dennis, Edward Parker	<i>Erie, Pa.</i>	A Δ Φ House
Dewing, Edward Ogden	<i>Brooklyn, N. Y.</i>	Physics Laboratory
Dubreuil, Walter William	<i>Worcester, Mass.</i>	Φ Γ Δ House
Dudley, Henry Augustus	<i>Marlboro, Mass.</i>	Gymnasium
Dunbar, Arthur Richards	<i>W. Bridgewater, Mass.</i>	15 North College
Elsey, George Crawford	<i>Springfield, Mass.</i>	Ψ T House

\* Special Student

Fleming, James Patterson	<i>Ben Avon, Pa.</i>	Δ K E House
Flynt, Robert Hussey	<i>Monson, Mass.</i>	B Θ Π House
Forbes, Allan White	<i>Worcester, Mass.</i>	Φ Γ Δ House
Forbes, Howard Carpenter	<i>New York, N. Y.</i>	8 Nash's Block
Gibson, Kenneth Morrison	<i>New York, N. Y.</i>	12 Spring St.
Gildersleeve, John Andrew	<i>Mattituck, N. Y.</i>	Θ Δ X House
Gilpatric, Fred Raymond	<i>Putnam, Conn.</i>	Δ T House
Glennie, Raymond John	<i>Northampton, Mass.</i>	
Glynn, Edward Hartley	<i>Amherst, Mass.</i>	41 N. Pleasant St.
Goddard, Harold Leroy	<i>N. Brookfield, Mass.</i>	Φ K Ψ House
Gold, Walter Conkey	<i>Amherst, Mass.</i>	Whitney St.
Goodell, Frank Rufus	<i>Spartanburg, S. C</i>	A Δ Φ House
Graves, Merle Dixon	<i>Granville, Mass.</i>	6 Lincoln Ave.
Graves, Walter Lucien	<i>Granville, Mass.</i>	6 Lincoln Ave.
Haller, William	<i>Buffalo, N. Y.</i>	Δ T House
Hamlin, Marston Lovell	<i>New York, N. Y.</i>	A Δ Φ House
Hardy, Clarence Everett	<i>Newtonville, Mass.</i>	15 North College
Heisey, Thomas Clarence	<i>Newark, Ohio</i>	15 Nash's Block
Hubbard, Hugh Wells	<i>White Plains, N. Y.</i>	Φ K Ψ House
Huffman, Rollie Cleveland	<i>Neligh, Neb.</i>	B Θ Π House
Jamieson, Philip Starr	<i>Newton, Mass.</i>	Θ Δ X House
Johnson, Harding, Jr.	<i>Brooklyn, N. Y.</i>	9 Spring St.
Jones, Daniel Boynton	<i>Brockton, Mass.</i>	3 Northampton Road
Jones, Hildeburn	<i>Cirdeville, Ohio</i>	A Δ Φ House
Keese, Anthony Hoffman	<i>Syracuse, N. Y.</i>	8 N. Prospect St.
Keith, Harold Chessman	<i>Brockton, Mass.</i>	X Φ House
Kennedy, Robert Hayward	<i>Providence, R. I.</i>	Φ Δ Θ House
Kidder, Edward Wintrobe	<i>Kansas City, Mo.</i>	Θ Δ X House
Kimball, Arthur Livingstone	<i>Amherst, Mass.</i>	25 Woodside Ave.
Kimball, William Scribner	<i>Amherst, Mass.</i>	25 Woodside Ave.
Knox, Francis Stratton	<i>Conklin, N. Y.</i>	Physics Laboratory
Larkin, Edward Pierce	<i>Haydenville, Mass.</i>	7 Parsons St.
Laubham, Samuel Morton	<i>Haverhill, Mass.</i>	Nash's Block
Lewis, Lester McLean	<i>Brooklyn, N. Y.</i>	Θ Δ X House
Loomis, Ralph Lane	<i>Bedford, Mass.</i>	30 South College
Luther, Eben, 2d	<i>Springfield, Mass.</i>	B Θ Π House
McMillan, Arthur Douglass	<i>Rockport, Mass.</i>	B Θ Π House
Marsh, William Judson	<i>Corning, N. Y.</i>	17 S. Prospect St.
Merrill, Charles Edward	<i>West Palm Beach, Fla.</i>	X Ψ Lodge

Milligan, John Raymond	<i>Palmer, Mass.</i>	B Θ Π House
Moulton, Guy Edwin	<i>Brookfield, Mass.</i>	Φ K Ψ House
Mullen, Edward Bartholomew	<i>Holyoke, Mass.</i>	X Φ House
Mulry, Edward John	<i>Methuen, Mass.</i>	69 S. Pleasant St.
Mulvihill, Walter Austin	<i>Brooklyn, N. Y.</i>	Δ T House
Mumford, James Oliver	<i>Honesdale, Pa.</i>	X Φ House
Newell, Duncan Hale	<i>Auburndale, Mass.</i>	Θ Δ X House
Nicolaus, Louis Joseph	<i>St. Louis, Mo.</i>	B Θ Π House
Niles, Charles Wilfred, Jr.	<i>Calumet, Mich.</i>	A Δ Φ House
Paine, Arthur Preston	<i>Brooklyn, N. Y.</i>	Δ K E House
Palmer, George Francis	<i>Amherst, Mass.</i>	5 Pine St.
Post, Martin Hayward, Jr.	<i>St. Louis, Mo.</i>	X Ψ Lodge
Power, Thomas Francis	<i>Worcester, Mass.</i>	Φ Γ Δ House
Powley, Ned	<i>Ransomville, N. Y.</i>	X Ψ Lodge
Priddy, Vern Emery	<i>Findlay, O.</i>	12 Spring St.
Rawson, George Edward	<i>Holliston, Mass.</i>	Φ Γ Δ House
Read, Fayette Francis	<i>Holyoke, Mass.</i>	A Δ Φ House
Robinson, Earl Benjamin	<i>Chenango Forks, N. Y.</i>	Φ K Ψ House
Rogers, Dwight Harold*	<i>Westerly, R. I.</i>	Δ K E House
Rowley, Arthur Merriam	<i>Springfield, Mass.</i>	3 Northampton Road
Searle, Charles Putnam	<i>Honesdale, Pa.</i>	X Φ House
Shattuck, Maxwell Carleton	<i>Wellesley Hills, Mass.</i>	Θ Δ X House
Shute, Kenneth Bruce	<i>Gloucester, Mass.</i>	Φ Δ Θ House
Simpson, Hazen Fancher	<i>Saratoga Springs, N. Y.</i>	Δ K E House
Smith, Frederick Pitkin	<i>Golden, Colo.</i>	Φ Δ Θ House
Smith, Horatio Elwin	<i>Brattleboro, Vt.</i>	Θ Δ X House
Smith, Robert Metcalf	<i>Amherst, Mass.</i>	14 Maple St.
Sprenger, James Albert	<i>Cressona, Pa.</i>	Δ K E House
Stearns, Albert Maynard	<i>Boston, Mass.</i>	X Ψ Lodge
Stockbridge, Enos Smith	<i>Baltimore, Md.</i>	17 S. Prospect St.
Stockbridge, Henry, 3d	<i>Baltimore, Md.</i>	17 S. Prospect St.
Sweeney, William Ellis*	<i>Attleboro, Mass.</i>	Φ Δ Θ House
Titsworth, Judson, Jr.	<i>Milwaukee, Wis.</i>	X Ψ Lodge
Tracy, William Bowen Mitchell	<i>Philadelphia, Pa.</i>	Φ Δ Θ House
Turner, Richard Clinton	<i>Portland, Me.</i>	Φ Δ Θ House
Veasey, Arthur Hall*	<i>Haverhill, Mass.</i>	X Φ House
Warner, Frank Bradford	<i>Sunderland, Mass.</i>	18 N. Prospect St.
Warriner, William Joseph	<i>Feeding Hills, Mass.</i>	4 North College

\* Special Student

Washburn, William Ives, Jr.	<i>New York, N. Y.</i>	A Δ Φ House
Welles, Paul	<i>Paris, France</i>	X Ψ Lodge
White, Heath Edgar	<i>Malden, Mass.</i>	Φ Δ Θ House
Williams, Eugene Flewellyn	<i>St. Louis, Mo.</i>	Ψ T House
Wolff, Stanley Lewis	<i>Seabright, N. J.</i>	12 Spring St.
Wood, Ralph Emerson	<i>Greenfield, Mass.</i>	Δ K E House
Woodbury, Robert Belville	<i>Pottsville, Pa.</i>	Δ K E House
Wyman, Edmund Allan	<i>St. Louis, Mo.</i>	Ψ T House
Zinsmaster Harry William	<i>Des Moines, Ia.</i>	X Ψ Lodge



# Freshman Class

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Acer, Oscar Whedon	<i>Medina, N. Y.</i>	14 North College
Agard, Irving Howard	<i>Rockville, Conn.</i>	26 N. Prospect St.
Allen, Henry Butler	<i>Greenfield, Mass.</i>	18 South College
Armstrong, Lorenzo Moray	<i>New Haven, Conn.</i>	12 Spring St.
Aspinwall, Aspinwall Breck	<i>Morristown, N. J.</i>	8 Woodside Ave.
Bakrow, James Griffiths	<i>Louisville, Ky.</i>	21 North College
Ballantine, Joseph William	<i>Fitchburg, Mass.</i>	12 Maple Ave.
Barnard, Walter Everett	<i>Worcester, Mass.</i>	15 Gaylord St.
Bennett, Sidney R.	<i>Bainbridge, N. Y.</i>	Amherst House
Bernard, James Sidney	<i>Colorado Springs, Colo.</i>	8 Woodside Ave.
Bigelow, Mason Huntington	<i>Utica, N. Y.</i>	23 South College
Blackmer, Albert Whitney	<i>Worcester, Mass.</i>	27 South College
Blades, Carlton Reed	<i>Campello, Mass.</i>	3 Northampton Road
Blanchard, Alden Hooper	<i>Quincy, Mass.</i>	5 North College
Brink, Roscoe William	<i>Brooklyn, N. Y.</i>	71 S. Pleasant St.
Bristol, Arthur Edward	<i>Glen Ridge, N. J.</i>	14 South College
Brodeur, Arthur Gilchrist	<i>Westfield, Mass.</i>	27 South College
Brooks, Carlton See	<i>New York, N. Y.</i>	
Brown, Earl Amidon	<i>Millers Falls, Mass.</i>	2 South College
Brown, Raymond Nelson	<i>Danvers, Mass.</i>	19 South College
Bryant, Roswell Abbott	<i>New York, N. Y.</i>	1 South College
Burby, Raymond Joseph	<i>Chicopee Falls, Mass.</i>	19 North College
Bush, Asahel, Jr.	<i>Salem, Ore.</i>	15 Gaylord St.
Butts, Frederic Marsena	<i>Newton Centre, Mass.</i>	22 South College
Calkins, Wright Horace*	<i>Jackson, Mich.</i>	30 North College
Cary, Walter	<i>Kyoto, Japan</i>	28 North College
Case, Cyrus Augustus	<i>Golden, Colo.</i>	8 N. Prospect St.
Caughey, Francis Morrow	<i>Bellevue, Pa.</i>	6 South College
Caughey, Joseph Hart	<i>Bellevue, Pa.</i>	6 South College
Chandler, Charles Porter	<i>Montpelier, Vt.</i>	31 North College
Chapin, Edward Eaton	<i>Brooklyn, N. Y.</i>	25 North College
Chapin, Edward Luther	<i>Southbridge, Mass.</i>	16 North College

\* Special Student

Chapin, Robert Crins	<i>Providence, R. I.</i>	A Δ Φ House
Clark, DeWitt Atkins	<i>Montpelier, Vt.</i>	31 North College
Clarke, Merrill Fowler	<i>Brooklyn, N. Y.</i>	3 Northampton Road
Cleaveland, Edward Lynde	<i>Fredonia, N. Y.</i>	21 Northampton Road
Cleaveland, Sherrill Atwood	<i>Fredonia, N. Y.</i>	21 Northampton Road
Clinton, Leonard Roys	<i>Elmira, N. Y.</i>	22 North College
Colebrook, Maus Winegar	<i>Rochester, N. Y.</i>	19 Main St.
Connell, Harold English	<i>Scranton, Pa.</i>	13 North College
Corbett, Scott Jones	<i>Clarion, Pa.</i>	6 South College
Crary, James Howell	<i>Brooklyn, N. Y.</i>	Δ K E House
Cunningham, Kenneth Reese	<i>Pittsburg, Pa.</i>	12 Spring St.
Danforth, Minot Harold	<i>Brockton, Mass.</i>	21 South College
Davis, Frederick Durand	<i>Granville, Mass.</i>	25 Main St.
Davis, Josiah Stuart*	<i>Des Moines, Ia.</i>	28 South College
Dayton, George Van Duzor	<i>Towanda, Pa.</i>	8 North College
Demarest, Donald James	<i>Brooklyn, N. Y.</i>	1 College Ave.
Deroin, Frank Amedée	<i>Chicopee, Mass.</i>	11 Amity St.
Dickinson, Ezra Pope	<i>Ligonier, Pa.</i>	6 Maple Ave.
Disbrow, Hamilton Grinnell	<i>Bloomfield, N. J.</i>	19 North College
Dowd, George	<i>Madison, Conn.</i>	20 Woodside Ave.
Dunlap, Sheldon David	<i>Batavia, N. Y.</i>	16 South College
Dyer, Edward Lathrop	<i>Belchertown, Mass.</i>	29 South College
Eaglesfield, Robert Davy	<i>Indianapolis, Ind.</i>	9 North College
Earle, Ernest Lord	<i>Athol, Mass.</i>	12 Northampton Road
Edmunds, Clarence Frank*	<i>Fredonia, N. Y.</i>	8 North College
Eldred, Allen Dorset	<i>West Springfield, Mass.</i>	4 North College
Elting, James Silas	<i>Utica, N. Y.</i>	21 North College
Emerson, George Stone*	<i>Providence, R. I.</i>	10 Woodside Ave.
Fairbank, Samuel Ballantine	<i>Satara, India</i>	12 Maple Ave.
Faunce, Norman Francis	<i>Roxbury, Mass.</i>	8 South College
Feagans, Lonnie Grant	<i>Joliet, Ill.</i>	Δ T House
Fisher, Richard Bradford	<i>Gloucester, Mass.</i>	26 North College
Foley, Patrick Joseph	<i>Amherst, Mass.</i>	Snell St.
Foster, Elliot Orman	<i>Danvers, Mass.</i>	19 South College
Frank, Alfred Swift	<i>Dayton, Ohio</i>	6 North College
Gardner, John Leon. Jr.	<i>New Britain, Conn.</i>	32 South College
Goodnow, David Franklin	<i>New York, N. Y.</i>	12 North College
Goodrich, Hubert Baker	<i>Auburndale, Mass.</i>	28 North College

\* Special Student

Goodwin, Edward Nute	<i>Albany, N. Y.</i>	27 North College
Hague, Cuthbert	<i>Worcester, Mass.</i>	6 Maple Ave.
Hall, Gordon Robert	<i>Chicago, Ill.</i>	A South College
Hamberger, Robert Norman*	<i>Erie, Pa.</i>	30 North College
Hamilton, Robert Hugh, Jr.	<i>Millers Falls, Mass.</i>	2 South College
Hannah, Cyril Ray	<i>Ontario, Cal.</i>	3 North College
Harvey, Herman	<i>Philadelphia, Pa.</i>	10 Woodside Ave.
Hatch, Charles Usher	<i>West Newton, Mass.</i>	10 South College
Helmholz, Vogel Herbert*	<i>Milwaukee, Wis.</i>	28 South College
Henry, Paul	<i>Geneva, N. Y.</i>	Θ Δ X House
Hickey, Thomas Richard	<i>Sunderland, Mass.</i>	31 Pleasant St.
Hill, Townsend Cordell	<i>Lowell, Mass.</i>	30 South College
Hill, William Ely	<i>New York, N. Y.</i>	26 South College
Hobbs, Harold Wade	<i>Jamaica, N. Y.</i>	A North College
Holthausen, Walter Henry*	<i>Brooklyn, N. Y.</i>	Prospect House
Hubbard, Alvin Loomis	<i>Windsor, Conn.</i>	1 North College
Huffman, Rollie Cleveland	<i>Neligh, Neb.</i>	B Θ II House
Hughes, Joseph Huey*	<i>Dallas, Tex.</i>	Nash Block
Hunter, James Blaine	<i>Washington, D. C.</i>	2 North College
Jamieson, Joseph Boardman, Jr.	<i>Newton, Mass.</i>	10 South College
Jones, Charles Clothier	<i>Philadelphia, Pa.</i>	14 North College
Jones, Wilbur Boardman	<i>St. Louis, Mo.</i>	14 North College
Kalligan, Thomas Dwyer Joseph	<i>Oneonta, N. Y.</i>	8 Spring St.
Keith, Clayton Edward	<i>Brockton, Mass.</i>	7 South College
Kent, Earl Barney*	<i>Attleboro, Mass.</i>	31 South College
Keyes, Charles Hubbard	<i>Sterling, Mass.</i>	Δ T House
Kilbourne, William Warren	<i>Fulton, N. Y.</i>	2 S. Pleasant St.
Kimbrough, Edwin Price	<i>Greensboro, Ala.</i>	19 Main St.
King, Philip	<i>Brookline, Mass.</i>	14 South College
King, William Allen, Jr.	<i>Gloucester, Mass.</i>	26 North College
Kirby, Paul Lautz	<i>Laurel, Md.</i>	Hunt's Block
Kirley, Grover Cleveland	<i>South Hadley Falls, Mass.</i>	
Knight, Roscoe Griggs	<i>Worcester, Mass.</i>	5 South College
Knowles, Arthur Raymond	<i>Buffalo, N. Y.</i>	S. Pleasant St.
Kooyumjian, Levon Hampertsum	<i>Amherst, Mass.</i>	31 N. Prospect St.
Lane, Stoddard	<i>Mt. Vernon, N. Y.</i>	13 Spring St.
Laubham, Samuel Morton	<i>Haverhill, Mass.</i>	Nash Block
Leadbetter, Raymond DeForest	<i>Lestershire, N. Y.</i>	29 North College

\* Special Student

Leary, George Francis	<i>Scitico, Conn.</i>	71 S. Pleasant St.
Leonard, Edward DeWitt	<i>Brattleboro, Vt.</i>	11 North College
Lewis, Dunbar Wood	<i>Elgin, Ill.</i>	8 South College
MacCammon, J. Marshall	<i>New York, N. Y.</i>	32 North College
McCluney, Daniel Catlin	<i>St. Louis, Mo.</i>	19 Main St.
McKay, Donald Dana	<i>Montclair, N. J.</i>	15 South College
McVaugh, Keith Fry	<i>Brooklyn, N. Y.</i>	19 Main St.
Main, Walter Raymond	<i>Westhaven, Conn.</i>	11 South College
Marcus, Chapin	<i>Montclair, N. J.</i>	Ψ T House
Marston, Clyde Bradley	<i>Brockton, Mass.</i>	21 South College
Mayo-Smith, Richmond	<i>New York, N. Y.</i>	12 North College
Mecklem, Charles Gates	<i>East Orange, N. J.</i>	Snell St.
Melcher, James Bartlett	<i>Newton Centre, Mass.</i>	22 South College
Mellen, Harrison Walker	<i>Newton Highlands, Mass.</i>	7 Parsons St.
Mersereau, Jones Wilder	<i>New York, N. Y.</i>	1 South College
Michaels, Morris Gabriel	<i>Brooklyn, N. Y.</i>	Prospect House
Mitchell, Abraham, Jr.	<i>Riverside, Ill.</i>	6 North College
Mowry, David Raymond	<i>Leyden, Mass.</i>	8 N. Prospect St.
Nash, Percival Dole	<i>Chicopee, Mass.</i>	10 South College
Newport, Edwin Foster	<i>Amherst, Mass.</i>	41 Northampton Road
Parmelee, William Josiah	<i>Worthington, Mass.</i>	32 South College
Peace, Harry Bevins, Jr.	<i>Whitestone, L. I., N. Y.,</i>	4 South College
Pierce, Albert Francis, Jr.	<i>Brockton, Mass.</i>	20 South College
Pierce, George Edwin	<i>Brattleboro, Vt.</i>	11 North College
Plough, George Hewitt	<i>Bedford Park, N. Y.</i>	27 North College
Powell, Francis Foster	<i>New London, Conn.</i>	32 North College
Pratt, Theodore	<i>Brooklyn, N. Y.</i>	19 Main St.
Quinn, John Randolph, Jr.	<i>Brooklyn, N. Y.</i>	21 Main St.
Race, Francis Louis	<i>Greene, N. Y.</i>	29 North College
Rayner, Charles Babbidge	<i>Glen Ridge, N. J.</i>	17 South College
Reilly, Fairfax Addison	<i>Mt. Vernon, N. Y.</i>	21 N. Prospect St.
Roberts, William Fenton	<i>Lawrence, Mass.</i>	10 North College
Ruckmich, Christian Alban	<i>Brooklyn, N. Y.</i>	Prospect House
Russell, Howard Irving*	<i>New Haven, Conn.</i>	23 North College
Sargent, Harold Taylor	<i>Putnam, Conn.</i>	13 South College
Sayre, Howell Edwin	<i>Brooklyn, N. Y.</i>	X Ψ Lodge
Seybold, Joseph Long*	<i>Hamilton, O.</i>	8 North Prospect St.
Smith, Burt Nichols	<i>Greene, N. Y.</i>	21 North College

\* Special Student

Smith, Harold Ladd	<i>Montclair, N. J.</i>	14 South College
Smith, Harold Lyman	<i>Norwichtown, Conn.</i>	3 Northampton Rd.
Smith, Herbert Otty	<i>Holyoke, Mass.</i>	17 South College
Smith, Justin Burritt	<i>Sweetwater, Tenn.</i>	25 South College
Snook, Alfred Hitchcock	<i>Kalamazoo, Mich.</i>	25 South College
Spring, Henry Patrick	<i>Northampton, Mass.</i>	
Sturgis, Frank Abbott	<i>Natick, Mass.</i>	19 Main St.
Sudbury, Edward Heron	<i>Mt. Vernon, N. Y.</i>	30 South College
Sullivan, Frank Bernard	<i>Boston, Mass.</i>	17 South College
Thomas, David, Jr.	<i>Roxbury, Mass.</i>	23 South College
Tilton, Owen Stanard*	<i>St. Louis, Mo.</i>	6 Nash Block
Tritsch, Albert Otto	<i>New York, N. Y.</i>	3 South College
Tylee, Clinton White	<i>Worcester, Mass.</i>	5 South College
Underhill, Halton Eugene	<i>New London, Conn.</i>	13 South College
Van Auken, Arthur Hammond	<i>Springfield, Mass.</i>	22 North College
Vollmer, William Auerbach	<i>Brooklyn, N. Y.</i>	9 South College
Walker, Charles William Fred- erick	<i>New York, N. Y.</i>	Φ Δ Θ House
Wallace, Edwin Francis	<i>Brooklyn, N. Y.</i>	7 Parsons St.
Whelan, Walter James	<i>Weymouth, Mass.</i>	29 South College
Wiggins, Ralph William	<i>Warsaw, N. Y.</i>	21 Woodside Ave.
Witherbee, Barrett Hanson	<i>Brooklyn, N. Y.</i>	23 North College
Wordsworth, Watson	<i>Holyoke, Mass.</i>	2 S. Pleasant St.
Wright, David Sanders	<i>Northampton, Mass.</i>	17 North College
Wright, William Henry	<i>Springfield, Mass.</i>	13 S. Prospect St.
Wyckoff, Herbert Ashton	<i>Brooklyn, N. Y.</i>	25 North College
Young, Henry Newton, Jr.	<i>Wilkesbarre, Pa.</i>	1 Nash Court

\* Special Student

*Summary*

FELLOWS AND GRADUATES . . . . .	5
SENIORS . . . . .	91
JUNIORS . . . . .	74
SOPHOMORES . . . . .	118
FRESHMEN . . . . .	172
TOTAL . . . . .	460

## CLASSIFICATION BY RESIDENCE

THE UNITED STATES			
Massachusetts . . . .	196	Washington . . . .	2
New York . . . . .	110	Wisconsin . . . . .	2
Connecticut . . . . .	24	Alabama . . . . .	1
Pennsylvania . . . . .	24	California . . . . .	1
Missouri . . . . .	16	Florida . . . . .	1
New Jersey . . . . .	12	Indiana . . . . .	1
Illinois . . . . .	10	Nebraska . . . . .	1
Vermont . . . . .	9	New Hampshire . . . .	1
Rhode Island . . . . .	8	Oregon . . . . .	1
Ohio . . . . .	6	South Carolina . . . .	1
Maryland . . . . .	5	Tennessee . . . . .	1
Michigan . . . . .	5	Texas . . . . .	1
District of Columbia . .	4		453
Maine . . . . .	3	OTHER COUNTRIES	
Colorado . . . . .	3	Japan . . . . .	3
Iowa . . . . .	2	Canada . . . . .	2
Kentucky . . . . .	2	France . . . . .	1
		India . . . . .	1
			460

# Award of Fellowships

1904-1905

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HITCHCOCK PHYSICAL EDUCATION FELLOWSHIP

Ralph Shattuck Patch, B.S. (1905)

ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Fritz Walter Baldwin, Jr., B.A. (1905)

SOUTH END HOUSE FELLOWSHIP

Robert James Bottomly, B.A. (1905)

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# Award of Honors

1904-1905

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COMMENCEMENT SPEAKERS

Charles Ernest Bennett

Robert James Bottomly

Robert Shepherd Kneeland

Walter Virgil Spaulding

Charles Frank Thomas

Edwin Hill van Etten

PHI BETA KAPPA

SECOND DRAWING (Class of 1904)

Edward Josiah Eaton

Karl Owen Thompson



FIRST DRAWING (Class of 1905)

Fritz Walter Baldwin, Jr.	Francis Chester Nickerson
Charles Ernest Bennett	Paul Willard Norton
Robert James Bottomly	Chauncey Lyman Parsons
John Maurice Clark	Walter Virgil Spaulding
Edward Clark Crossett	Charles Frank Thomas
John Frank Kern	Edwin Hill van Etten
Robert Shepherd Kneeland	Hugh Hourston Craigie Weed
Stephen Victor Marsh	Stanley Nathan Whitney

SECOND DRAWING (Class of 1905)

Bernard Bankard Bandel	George Henry Bartlett Green, Jr.
George Alfred Brown	John Bayley O'Brien
Joseph Dexter Crowell	Walter Walker Palmer
Arthur James Derbyshire	Philip Mack Smith
Ralph Waldo Emerson Edgecomb	Clarence Nelson Stone
Claude Moore Fuess	John Adams Taylor
Edward Hall Gardner	Richard Deland Wing

FIRST DRAWING (Class of 1906)

Edgar White Burrill	Clifton Rumery Hall
Fayette Winchester Denio	Ellison Story Hildreth
Walter Francis Downey	Robert Nicholas Mattingly
Ernest Gallaudet Draper	Shirley Gale Patterson
Wm. Trowbridge Merrifield Forbes	Sumner Goldthwait Rand
Edgar Wilson Glasgow	Royal Cornelius van Etten

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## Final Honors

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BIOLOGY — Walter Walker Palmer

ENGLISH — Claude Moore Fuess, Edward Hall Gardner, John Bayley O'Brien

GERMAN — Edward Clark Crossett, Edward Hall Gardner, Ward Clinton Moon, Edwin Hill van Etten, Richard Deland Wing

GREEK — Stephen Victor Marsh



HISTORY — Fritz Walter Baldwin, Jr., Ralph Waldo Emerson Edgecomb,  
Claude Moore Fuess, John Bayley O'Brien, Ralph Shattuck Patch,  
Richard Deland Wing

LATIN — Stephen Victor Marsh

MODERN GOVERNMENT — Ward Clinton Moon

PHILOSOPHY — Robert James Bottomly, Edward Clark Crosset, Arthur  
James Derbyshire, Ralph Waldo Emerson Edgecomb, Edward Hall  
Gardner, Robert Shepherd Kneeland, Mather Humphrey Neill, Paul  
Willard Norton, Walter Virgil Spaulding, Clarence Nelson Stone, John  
Adams Taylor, Charles Frank Thomas, Edwin Hill van Etten, Hugh  
Hourston Craigie Weed, Stanley Nathan Whitney

# Award of Prizes

1904-1905

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HUTCHINS GREEK PRIZE — Class of 1906

Ellison Story Hildreth  
Sumner Goldthwait Rand

BERTRAM LATIN PRIZES — Class of 1905

*First Prize:* Stephen Victor Marsh  
*Second Prize:* Robert Sinclair Hartgrove  
*Third Prize:* John Garfield Anderson

BILLINGS LATIN PRIZES — Class of 1905

*First Prize:* Stephen Victor Marsh  
*Second Prize:* Robert Sinclair Hartgrove

LAW LATIN PRIZE — Class of 1905

*First Prize:* Stephen Victor Marsh  
*Second Prize:* Robert Sinclair Hartgrove

THOMPSON LATIN PRIZES — Class of 1906

*First Prize:* Ellison Story Hildreth  
*Second Prize:* John Joseph Curran  
*Third Prize:* Sumner Goldthwait Rand

SECOND YEAR LATIN PRIZES — Class of 1907

*First Prize:* Henry Hall King  
*Second Prize:* Herbert Hall Palmer

FIRST YEAR LATIN PRIZES — Class of 1908

*First Prize:* Horatio Elwin Smith  
*Second Prize:* George Edward Rawson

## BOYNTON BIBLICAL LITERATURE PRIZE

Edwin Hill van Etten, Class of 1905

## KELLOGG PRIZES

Claude Thomas Wilson, Class of 1907

James Patterson Fleming, Class of 1908

## HARDY PRIZES — Class of 1905

*First Prize:* Claude Moore Fuess*Second Prize:* John Garfield Anderson

## HYDE PRIZE — Class of 1905

William Crawford

## BOND PRIZE — Class of 1905

Edwin Hill van Etten

## KENT PRIZE — Class of 1905

Edward Hall Gardner

## WALKER PRIZES

*Second Year Mathematics**First Prize:* Paul Rulison Powell, Class of 1908*Second Prize:* Hugh Hartshorne, Class of 1907*First Year Mathematics**First Prize:* Allan White Forbes, Class of 1908*Second Prize:* Marston Lovell Hamlin, Class of 1908

## PORTER PRIZE — Class of 1905

Charles Frank Thomas

## SAWYER MEDAL — Class of 1907

*Gold Medal:* John Dayton Willard

## A. LYMAN WILLISTON PRIZES — Class of 1908

*First Prize:* Harold James Baily*Second Prize:* Donald Beardsley Abbott

## LELAND PRIZE

The Junior Class (Class of 1906)

## WOODS PRIZE — Class of 1905

Ralph Waldo Emerson Edgecomb

## LADD ORATION PRIZES — Class of 1906

Frederick Sewall Bale

Clifford Monroe Bishop

Kingman Brewster

Edgar White Burrill

George Bradley Carter

Augustus Ignatius Dillon

Clifton Rumery Hall

Benjamin Howard Matteson

George Edward Norton

Reuben Jeffery Peacock

Alonzo Henry Shannon

Royal Cornelius van Etten

## ARMSTRONG PRIZES — Class of 1908

*First Prize:* Perry Rush Cobb*Second Prize:* Clarence Everett Hardy*Third Prize:* Stanley Lewis Wolff

## PORTER ADMISSION PRIZE — Class of 1909

Samuel Ballantine Fairbank

*(prepared at the Beverly (Mass.) High School)*

## Honorable Mention

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### BIOLOGY

- |      |                                  |      |                     |
|------|----------------------------------|------|---------------------|
| 1905 | Walter Walker Palmer             | 1907 | Hugh Hartshorne     |
| 1906 | Wm. Trowbridge Merrifield Forbes |      | John Dayton Willard |

### BIBLICAL LITERATURE

- 1906 Morton Ives Snyder

### CHEMISTRY

- |      |                                  |      |                     |
|------|----------------------------------|------|---------------------|
| 1906 | Wm. Trowbridge Merrifield Forbes | 1907 | Hugh Hartshorne     |
|      | John Shimer Oberly               |      | John Dayton Willard |

### ECONOMICS

- 1905 Claude Moore Fuess

### ENGLISH

- |      |                          |      |                         |
|------|--------------------------|------|-------------------------|
| 1905 | Robert Shepherd Kneeland | 1907 | Clarence Spencer Foster |
| 1906 | Edgar White Burrill      |      | Hugh Hartshorne         |
|      | Arthur Harold Gilmore    |      | Clayton Pingree Stevens |
|      | Edgar Wilson Glasgow     | 1908 | Clarence Everett Hardy  |
|      | Morton Ives Snyder       |      | Stanley Lewis Wolff     |

### FRENCH

- |      |                        |      |                          |
|------|------------------------|------|--------------------------|
| 1905 | John Adams Taylor      |      | John Dayton Willard      |
| 1906 | Walter Francis Downey  | 1908 | Clarence Everett Hardy   |
|      | Shirley Gale Patterson |      | Horatio Elwin Smith      |
|      | George William Porter  |      | James Albert Sprenger    |
| 1907 | John McChesney         |      | Wm. Bowen Mitchell Tracy |

## GERMAN

1905	Charles Ernest Bennett		Howard Augustine Newton
	Edward Clark Crossett		Shirley Gale Patterson
	Edward Hall Gardner	1907	Henry Hall King
	Edwin Hill van Etten	1908	Robert Hussey Flynt
	Hugh Hourston Craigie Weed		Marston Lovell Hamlin
1906	John Joseph Curran		William Judson Marsh
	Ellison Story Hildreth		George Edward Rawson

## GREEK

1905	Stephen Victor Marsh	1907	Henry Hall King
1906	John Joseph Curran		Clayton Pingree Stevens
	Ellison Story Hildreth	1908	George Edward Rawson
	Sumner Goldthwait Rand		Frederick Pitkin Smith

## HISTORY

1905	Fritz Walter Baldwin, Jr.	1906	Richard Grenville Ely
	Robert James Bottomly		Arthur Harold Gilmore
	Claude Moore Fuess		Edgar Wilson Glasgow
	Robert Shepherd Kneeland		Morton Ives Snyder
	Walter Clinton Moon		Mason Whiting Tyler
	John Bayley O'Brien	1907	George Emerson Cary
	Walter Walker Palmer		Clarence Spencer Foster
	Charles Frank Thomas		Henry Hall King
	Richard Deland Wing		Albert Edward Rand

## ITALIAN

1905	Charles Ernest Bennett		Alan Marshall Storke
1906	Shirley Gale Patterson	1907	Albert Edward Rand
	Sumner Goldthwait Rand		

## LATIN

1905	Stephen Victor Marsh		Warren Lincoln Swett
1906	John Joseph Curran	1908	Philip Hunt Burt
	Ellison Story Hildreth		Robert Hussey Flynt
	Howard Augustine Newton		George Edward Rawson
	Sumner Goldthwait Rand		Horatio Elwin Smith
1907	Henry Hall King		James Albert Sprenger
	Albert Edward Rand		Wm. Bowen Mitchell Tracy
	Clayton Pingree Stevens		Stanley Lewis Wolff

## MATHEMATICS

1905	Robert Nicholas Mattingly	Cecil King Blanchard
	Paul Willard Norton	Earle Benjamin Robinson
	Charles Frank Thomas	Horatio Elwin Smith
1907	Hugh Hartshorne	James Albert Sprenger
1908	Edward Ralph Belcher	

## MODERN GOVERNMENT AND INTERNATIONAL LAW

1905	Robert James Bottomly	John Bayley O'Brien
	Ralph Waldo Emerson Edgecomb	Walter Virgil Spaulding
	Stephen Victor Marsh	John Adams Taylor
	Ward Clinton Moon	Stanley Nathan Whitney
	Francis Chester Nickerson	Richard Deland Wing

## MUSIC

1907	Clayton Pingree Stevens
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## PHILOSOPHY

1905	Charles Ernest Bennett	Edwin Hill Van Etten
	Robert James Bottomly	Hugh Hourston Craigie Weed
	Arthur James Derbyshire	Stanley Nathan Whitney
	Claude Moore Fuess	1906 Frederick Sewall Bale
	Edward Hall Gardner	Frederick Rouse Behrends
	Robert Shepherd Kneeland	Fayette Winchester Denio
	Mather Humphrey Neill	Arthur Harold Gilmore
	Paul Willard Norton	Edgar Wilson Glasgow
	Walter Virgil Spaulding	Clifton Rummery Hall
1905	Clarence Nelson Stone	Ellison Story Hildreth
	John Adams Taylor	Alan Marshall Storke
	Charles Frank Thomas	1907 John Shimer Oberly

## PHYSICS

1906	Wm. Trowbridge Merrifield Forbes	Edward Ralph Belcher
1908	Harold James Baily	Allan White Forbes

## PHYSIOLOGY

1907	Hugh Hartshorne	John Dayton Willard
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## SPANISH

1905	Robert James Bottomly
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# Degrees Conferred in 1905

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## *Degrees in Course*

### Bachelor of Arts

#### *Summa cum laude*

Charles Ernest Bennett  
Robert James Bottomly  
Robert Shepherd Kneeland

Walter Virgil Spaulding  
Edwin Hill van Etten

#### *Magna cum laude*

Fritz Walter Baldwin, Jr.  
John Maurice Clark  
Edward Clark Crossett  
Edward Hall Gardner  
John Frank Kern  
Stephen Victor Marsh  
Francis Chester Nickerson

Paul Willard Norton  
Chauncey Lyman Parsons  
Clarence Nelson Stone  
John Adams Taylor  
Charles Frank Thomas  
Hugh Hourston Craigie Weed  
Stanley Nathan Whitney

#### *Cum laude*

John Garfield Anderson  
Bernard Bankard Bandel  
Edward William Broder  
George Alfred Brown  
Nelson Franklin Cole  
Arthur James Derbyshire  
Brainerd Dyer  
Ralph Waldo Emerson Edgecomb  
Ralph Freeman  
Claude Moore Fuess  
James LeRoy Gilbert  
Harry Williams Gladwin  
George Henry Bartlett Green, Jr.  
David Emerson Greenaway  
Robert Sinclair Hartgrove  
William Thomas Hutchings

James McPhee, Jr.  
Robert Nicholas Mattingly  
Ward Clinton Moon  
Alexander Symonds Nash  
Mather Humphrey Neill  
John Bayley O'Brien  
Robert Webster Pease  
Franklin Edwin Pierce  
Alfred Edward Roberts  
Philip Mack Smith  
Verne Waldo Smith  
Ashley Barnes Sturgis  
Winfield Alonzo Townsend  
Henry Edward Warren  
Richard Deland Wing  
Josiah Bridges Woods



*Rite*

William Raiguel Benedict	Vancleve Holmes
Joseph Waldo Bond	Charles Thomas Hopkins
Curtis James Bostwick	Jeremiah Henry Kelliher
Harold Frederic Coggeshall	Maurice Alphonse Lynch
William Crawford	Henry Lefavour Odell
Leonard George Diehl	Ephraim English Orrell
George William Ellis	William Vrooman Ottley
Emerson George Gaylord	Charles Irving Peabody
Frank Strong Hayden	John Joseph Raftery
Ralph Halladay Hewitt	Elmer Ellsworth Ryan

**Bachelor of Science***Cum laude*

Edward Ayres Baily	Walter Walker Palmer
Joseph Dexter Crowell	Ralph Shattuck Patch
Frary Hale, Jr.	George Schwab
Francis Henry Judge	Roger Nelson Squire
Charles Clair McTernan	

*Rite*

Charles Reginald Blyth	William Tompkins Rathbun
Sherman Brownell Joost	Wilfred Ellsworth Rounseville
Albert Frank Noble	Gordon Cyril Smith

**Master of Arts**

William Horace Noyes,	B.A. (1884)
William Belcher Whitney,	B.A. (1887)
John Sawyer Hitchcock,	B.A. (1889)
Morton Dexter Dunning,	B.A. (1896)
James Edward Downey,	B.A. (1897)
Carl Martel Gates,	B.A. (1897)
Herbert Chandler Ide,	B.A. (1898)
Frederick Francis Williams,	B.A. (1899)
Horace Clay Broughton,	B.A. (1900)
Charles Brown MacDuffee,	B.A. (1900)
Hamilton Griswold Merrill,	B.A. (1900)
David Whitcomb,	B.A. (1900)
George Miller Bartlett,	B.A. (1901)

Morris Bradford Butler,	B.A. (1901)
John Elliot Denham,	B.A. (1901)
William Goodell,	B.A. (1901)
John Allen Marsh,	B.A. (1901)
Wilber Ambrose Anderson,	B.A. (1902)
Henry William Giese,	B.A. (1902)
Isaac Hampshur Jones,	B.A. (1902)
Wilmot Vivian Trevoy,	B.A. (1902)
Matthew van Sicken,	B.A. (1902)
Robert Horace Baker,	B.A. (1904)
William Northrop Morse,	B.A. (1904)

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*Honorary Degrees*

**Master of Arts**

KARL AXEL ROBERT LUNDIN

**Doctor of Science**

JOSEPH FRANK MCGREGORY

HENRY NOEL POTTER

**Doctor of Divinity**

HERBERT BARCLAY TURNER

**Doctor of Letters**

EDWARD JASPER GOODWIN

GEORGE EDWARD WOODBERRY

**Doctor of Laws**

STEPHEN HOLMES WEEKS

CARROLL DAVIDSON WRIGHT

*Honorary Commission*

A Commission appointed by the Trustees, to make plans for beautifying the grounds and for the proper sites of buildings.

WILLIAM R. MEAD, LL.D.

DANIEL H. BURNHAM, M.A., SC.D.

AUGUSTUS SAINT GAUDENS, LL.D.

CHARLES F. MCKIM, LL.D.

FREDERICK LAW OLMTED, M.A.

# Admission

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ALL candidates for admission to College must present satisfactory testimonials of good moral character.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies preparatory to the several courses.

## REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

### GROUP 1

Latin I, II  
Greek I, II  
Mathematics I  
English I and II  
History I

### GROUP 2

{ Latin I, II and Greek I  
or  
{ Greek I, II and Latin I  
Mathematics I  
English I and II  
History I

In addition, there shall be one subject from the following list: —

French I  
 German I  
 History II  
 Physics  
 Chemistry  
 Mathematics II

GROUP 3

{ Latin I, II  
       or  
 { Greek I, II  
 Mathematics I  
 English I and II  
 History I

In addition there shall be, from the following list, three subjects, one of which shall be a modern language and one an advanced subject.

*Elementary*

French I  
 German I  
 History II  
 Physics  
 Chemistry

*Advanced*

French II  
 German II  
 Mathematics II

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

## REQUIREMENTS FOR BACHELOR OF SCIENCE COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satis-

factory qualifications in the following subjects according to the specifications given under each subject.

English I and II  
 History I and II  
 Mathematics I  
 Chemistry or Physics  
 Latin I or Latin I, II  
 French I or German I

If Latin II is not presented, two points shall be made from the following lists: — (French I, German I, French II, German II, Chemistry, Physics), 2 points each; (Solid Geometry, Trigonometry and Logarithms, Advanced Algebra, Anatomy, Physiology), 1 point each.

Certificates are not taken in Advanced Algebra, Trigonometry, and Logarithms, on which examinations are required.

If Latin I, II, is presented, the remaining requirements may be selected from the lists given on page 46. A student who presents Latin I, II, at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for one college year.

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

### REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present: —

- |     |   |                  |     |   |              |
|-----|---|------------------|-----|---|--------------|
| (1) | { | English I and II | (2) | { | Chemistry or |
|     |   | History I        |     |   | Physics      |
|     |   | History II       |     |   |              |
|     |   | Mathematics I    |     |   |              |

(3) One elementary and one advanced subject from the following lists: —

*Elementary*  
French  
German

*Advanced*  
French  
German  
Mathematics

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in college, may be presented as an advanced subject.

## LATIN

### I. ELEMENTARY LATIN

The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week extending through three school years. In preparation for the elementary examinations, the candidate should read and review at least Cæsar's *Gallic War*, books I-IV, or an equivalent; Cicero's *Orations against Catiline* and *for Archias*; and should gain ability to read Latin at sight. Careful attention should be given from the beginning to the correct pronunciation of Latin words according to the Roman method. The examination will include: —

(a) Translation of passages of Latin prose at sight.

(b) A thorough examination on Cicero's *Orations against Catiline*, II, III, IV, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

### II. ADVANCED LATIN

In addition to the preparation mentioned above for the elementary Latin, the candidate should read and review Vergil's *Æneid*, books I-VI at least, or an equivalent; and have adequate training in reading Latin poetry in the original, in translating Latin poetry at sight, and in Latin prose composition. The examinations will include: —

(a) Translation of passages of Latin verse at sight.

(b) A thorough examination on Vergil's *Æneid*, books I and II,

directed to testing the candidate's mastery of the ordinary forms, constructions, idioms, and prosody.

(c) Translation into Latin prose of a passage of connected English narrative, based on some portion of the Latin prose works usually read in preparation for college, and limited to the subject-matter of those works.

Candidates for the degree of B.S. will take Latin I.

Candidates for the degree of B.A. will take both Latin I and II.

## GREEK

### I. ELEMENTARY GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least two school years. In preparation for the elementary examination, the candidate should read the first three books of Xenophon's *Anabasis* or an equivalent, and be carefully drilled in the principles of syntax and inflections of Attic prose. The examination will include: —

(a) A thorough examination on the first two books of Xenophon's *Anabasis*.

(b) Translation of passages of Attic prose at sight.

### II. ADVANCED GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week extending through at least three school years. In addition to preparation for the elementary examination, the candidate should read the fourth book of Xenophon's *Anabasis*, and three books of Homer's *Iliad*; and should be trained to render into Greek passages of English narrative involving all ordinary constructions. The examination will include: —

(a) Translation into Greek of a passage of connected English narrative based on the second book of Xenophon's *Anabasis*.

(b) A thorough examination on the first book of Homer's *Iliad*.



(c) Translation of passages of Homer at sight, with questions on the forms, constructions, and idioms of the passages.

## MATHEMATICS

### I. ELEMENTARY MATHEMATICS

(a) Algebra through quadratic equations.

(b) Plane geometry, including problems in mensuration, and original propositions.

The requirement in algebra includes the following subjects: factors, common divisors and multiples, fractions, ratios, and proportions; negative quantities and the interpretation of negative results; theory of exponents; radicals and equations involving radicals; the elementary theory of imaginaries; the progressions; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities, and of problems leading to such equations.

The requirement in geometry embraces the following topics: the general properties of plane rectilinear figures; proportion; incommensurable magnitudes and limits; the circle and the measure of angles; similar polygons; areas; regular polygons and the measure of the circle; problems in construction.

In each subject great importance is attached to accuracy and readiness, and to neatness in the arrangement of written work.

### II. ADVANCED MATHEMATICS

(a) Algebra, including choice, chance, theory of limits, the binomial theorem, logarithms, series, determinants, graphs, derivatives, and the theory of equations. Hall and Knight's *Algebra for Colleges and Schools*.

(b) Solid and spherical geometry. Wells's *Essentials*.

(c) Plane trigonometry. Wentworth.

## ENGLISH

## I. READING AND PRACTICE

NOTE — No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or division into paragraphs.

A certain number of books are recommended for reading, ten of which, selected as prescribed below, are to be offered for examination. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number — perhaps ten or fifteen — set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In every case knowledge of the book will be regarded as less important than the ability to write good English. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified to by his instructor, containing compositions or other written work done in connection with the reading of the books. In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

1906-1908. — Shakespeare's *Macbeth* and *The Merchant of Venice*; *The Sir Roger de Coverley Papers* in *The Spectator*; Irving's *Life of Goldsmith*; Coleridge's *The Ancient Mariner*; Scott's *Ivanhoe* and *The Lady of the Lake*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*. As an alternative for any of these books, *Selections from the Old Testament* may be offered.

## II. STUDY AND PRACTICE

This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, form, and structure. In addition, the candidate may be required to answer questions involving the essen-

tials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

The books set for this part of the examination will be:

1906-1908. — Shakespeare's *Julius Cæsar*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*; Burke's *Speech on Conciliation with America*; Macaulay's *Essay on Addison* and *Life of Johnson*.

### FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 70 for college courses which correspond to the work prescribed for preparation.

#### I. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon

the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le roi des montagnes*; Bruno, *Le tour de la France*; Daudet's easier short tales; De la Bédollière, *La Mère Michel et son chat*; Erckmann-Chatrian's stories; Foa, *Contes biographiques* and *Le petit Robinson de Paris*; Foncin, *Le pays de France*; Labiche and Martin, *La poudre aux yeux* and *Le voyage de M. Perrichon*; Legouvé and Labiche, *La cigale chez les jourmis*; Malot, *Sans famille*; Mariet, *La tâche du petit Pierre*; Mérimée, *Colomba*; extracts from Michelet; Sarcy, *Le siège de Paris*; Verne's stories.

## II. ADVANCED FRENCH

This should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le Gendre de M. Poirier*; Bérangier's poems; Corneille, *Le Cid* and *Horace*; Coppée's poems; Daudet, *La belle Nivernaise*; La Brète, *Mon oncle et mon curé*; Madame de Sévigné's letters; Hugo, *Hernani* and *La chute*; Labiche's plays; Loti, *Pêcheur d'Islande*; Mignet's historical writings; Molière, *L'avare* and *Le bourgeois gentilhomme*; Racine, *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière*;

Scribes' plays; Thierry, *Récits des temps mérovingiens*; Thiers, *L'expédition de Bonaparte en Egypte*; Vigny, *La canne de jonc*; Voltaire's historical writings.

### GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

#### I. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill upon pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs, also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the end of enabling the pupil, first, to use his knowledge with facility in forming sentences,

and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list; Andersen, *Märchen* and *Bilderbuch ohne Bilder*; Arnold, *Fritz auf Ferien*; Baumbach, *Die Nonna* and *Der Schwiegersohn*; Gerstäcker, *Germelshausen*; Heyse, *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern, *Höher als die Kirche*; Jensen, *Die braune Erica*; Leander, *Träumereien* and *Kleine Geschichten*; Seidel, *Märchen*; Stökl, *Unter dem Christbaum*; Storm, *Immensee* and *Geschichten aus der Tonne*; Zschokke, *Der zerbrochene Krug*.

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz, *Er ist nicht eifersüchtig*; Wichert, *An der Majorsecke*; Wilhelmi, *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

## II. ADVANCED GERMAN

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise upon word order and word formation.

Suitable reading matter for the third year can be selected from



such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein*; Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*, for example, *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué, *Undine*; Gerstäcker, *Irrfahrten*; Goethe, *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffman, *Historische Erzählungen*; Lessing, *Minna von Barnhelm*; Meyer, *Gustav Adolfs Page*; Moser, *Der Bibliothekar*; Riehl, *Novellen*, for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger, *Waldheimat*; Schiller, *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel, *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch, *Das edle Blut*. A good selection would be: (1) one of Riehl's novellettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

## HISTORY

### HISTORY I (ANCIENT)

The examination will include: (1) the history of Greece to the death of Alexander, an outline of Greek geography, and questions on Greek life, literature, and art; (2) the history of Rome to the death of Marcus Aurelius, an outline of Roman geography, and questions upon literature and government. The examination presupposes the use of good text-books, considerable collateral reading, and a systematic course of study of at least four exercises a week during one school year, or of two exercises a week during two school years.

### HISTORY II (ENGLISH AND AMERICAN)

The examination will include: (1) the history of England, (2) the history of the United States. A mastery of the narrative as pre-

sented in the best text-books is requisite, together with collateral reading. Two exercises a week for one school year in (1) and (2) are necessary.

### PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in such text-books as Avery's *School Physics*, Gage's *Elements of Physics*, and Crew's *Elements of Physics*. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate applies for admission, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

### CHEMISTRY

General laws and theories of chemistry, and the occurrence, preparation, and properties of the non-metallic elements and their compounds as stated in such text-books as Richter, Remsen, and Harris.

### TIME, PLACES, AND ORDER OF EXAMINATIONS

The first examinations for admission begin at 2 P.M. on Tuesday (19th June 1906), and close on Friday of the week preceding Commencement. The result of these examinations is sent to the candidates by mail, within two weeks after the examinations are held. The second examinations for admission begin at 2 P.M. on the last Monday of the summer vacation (17th September 1906), and close on the following Thursday. These regular examinations for admission to the College are held in Room 5 Walker Hall at Amherst, and all candidates should present themselves promptly at the hour assigned for registration. Examination papers will be sent, free of charge, to any preparatory school of good standing,



where there are candidates for admission, provided its principal will conduct the examinations simultaneously with those at Amherst, and without expense to the College. Candidates who desire to be examined elsewhere than at Amherst should send their names to the Registrar in season to be received not later than the first of June.

The order of examinations, in both June and September, is as follows: —

### FIRST DAY

#### P.M.

2.00-2.15	Registration
2.15-3.45	Plane Geometry
4.00-5.30	Elementary Algebra

### SECOND DAY

#### A.M.

8.30-10.15	Elementary Latin
10.30-12.00	Advanced Latin

#### P.M.

2.00-2.45	English I
2.45-3.00	English II
3.45-4.30	History I
4.30-5.15	History II

### THIRD DAY

#### A.M.

8.30-10.00	Elementary Greek
10.15-11.45	Advanced Greek
11.45-12.30	Chemistry, Physics

#### P.M.

2.00-3.30	Elementary German
	Advanced German
3.45-5.15	Elementary French
	Advanced French

### FOURTH DAY

#### A.M.

8.00-9.00	Advanced Algebra
9.00-10.00	Solid Geometry
10.15-11.15	Trigonometry

## PRELIMINARY EXAMINATIONS

Candidates are allowed to take examinations in any of the subjects. If the student is successful in three or more papers, in either the June or September examinations, or in both together, credit will be given for one year. Candidates are, however, advised to reserve for their final examinations the following subjects: Homer, Vergil, Greek and Latin prose composition, algebra or geometry, and English II.

## ADMISSION ON CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College, and furnished to principals of such schools upon application to the Registrar.

Such admission by certificate allows a student to enter College conditionally upon his proving himself able to do the full work of his class; and at any time during the Freshman year he may be dropped from the class in case his work is not satisfactory. In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week during three school years for Greek and four for Latin. In elementary algebra and plane and solid geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the certificate. No certificate will be accepted for work in advanced algebra and plane trigonometry. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examination.

Certificates will be received from those schools in New England which have been approved by the New England College Entrance

Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, R. I. From schools outside of New England, already approved by this College, students are received on certificate, as heretofore.

### ADMISSION ON CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Greek, in addition to their requirements, an examination must be taken upon the fourth book of the *Anabasis*, and the translation of Greek at sight, and in Mathematics, in addition to their requirements in elementary algebra, an examination must be taken in the rationalization of radical expressions, theory of exponents, elementary theory of imaginaries, ratio and proportion, the progressions; and in advanced algebra an examination must be taken in the elementary theory of graphs as applied to the study of functions.

Certificates of the College Entrance Examinations Board are accepted.

### CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but those deficiencies must be removed to the satisfaction of the Faculty before he can be advanced to the Junior class. The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

For prize on best entrance examination, see page 118.

## ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of the second semester of Senior year.

Candidates for admission to advanced standing are examined in the studies that have been pursued by the class they wish to enter; also in the requirements for admission to the Freshman class, if advanced standing has not been regularly attained in another college. In applying for admission to advanced standing at Amherst, a student from another college should present a letter of honorable dismissal, together with a detailed certified statement of the work done by him in each department of study at the college from which he comes. Due credit is given for all such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin, or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry.

## Courses of Instruction

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ALL courses are assigned three hours each week, except Mathematics 1 and 2, and Chemistry 3, 4, 5, and 6, which are four-hour courses. In numbering of courses an odd numeral denotes the first semester, an even numeral the second semester.

In Freshman year those students who have presented for admission both ancient languages, elementary and advanced, pursue the study of those languages, of Mathematics and English, and choose one course. Those who have presented, besides Latin and Greek, a modern language, elementary and advanced, may elect that language instead of one of the ancient languages. Those who have presented one ancient language pursue the study of that language, of a modern language, of Mathematics and English, and elect one course.

The required studies of Freshman year in the Scientific course are Mathematics, English, and two modern languages. One course is elected each semester.

In Sophomore and Junior years each student elects five, and in Senior year four courses. The courses open to each class are indicated on pages 81-85.

No student is allowed to take a less number of courses than the number named for each year. Extra courses may be taken, subject to approval by the Administration Committee. No student is allowed to take more than six courses in a semester. For conditions of graduation in less than four years see page 102.

Candidates for the degree of Bachelor of Science shall complete second year German, and second year French, Italian, or Spanish, and, in addition to the studies of Freshman year, twenty-eight semester courses, twelve of which are to be chosen from sciences,

mathematics, or economics. Sciences taken in Freshman year are included in the twelve courses. Not more than two courses in economics may be reckoned in the twelve courses.

### PHILOSOPHY

PROFESSOR GARMAN

1. Psychology and pedagogics.
2. Psychology and sociology.
3. Ethics and history of philosophy. (1, 2 requisite.)

As far as possible, the philosophers and their critics are studied from their own works. The courses in philosophy include the following subcourses, several of which are taken simultaneously:— Psychology (experimental, animal, morbid); mental evolution; pedagogics and educational psychology; general psychology; heredity; anthropological ethics; political obligations; metaphysics of ethics; objective ethics; outlines of sociology; æsthetics; outline history of ancient philosophy: selections from Locke, Berkeley, Hume, and Mill; philosophy and ethics of Herbert Spencer, Descartes, Spinoza, Kant, Fichte, Hegel, Lotze; epistemology; philosophy and evolution of religion; preparation for Christianity in the Roman empire; Christian apologetics; history and exposition of Christian doctrine; movements of thought in the nineteenth century.

### HISTORY

PROFESSOR GALLINGER

1. General European history during the Middle Ages, 375-1453.
2. General European history from the period of the Renaissance to the end of the Seven Years' War, 1453-1763. A continuation of course 1.
3. English history to the Restoration (1660), with special reference to the development of the English constitution.
4. English history from the Restoration, with special reference to the development of the English constitution. A continuation of course 3.

## PROFESSOR MORSE

5. European history from the Seven Years' War to the close of the Napoleonic wars, 1763-1815.
6. European history since the Congress of Vienna.
7. Political and party history of the United States from the Stamp Act to the election of Jackson, 1765-1828. (5 and 6 requisite.)
8. Political and party history of the United States since the election of Jackson. (5, 6 and 7 requisite.)

## ECONOMICS

## PROFESSOR CROOK

1. Outlines of Economics. Seager's *Introduction to Economics*; John Stuart Mill's *Principles of Political Economy*.
2. Money and Banking. Kinley's *Money*; Dunbar's *Theory and History of Banking*.  
The monetary and banking systems of England, France, Germany, and the United States are studied.
3. Sociology. Fairbanks' *Introduction to Sociology*; Warner's *American Charities*; Wine's *Punishment and Reform*; Divine's *Principles of Relief*.  
Open to Seniors.
4. Public Finance. Adams' *Finance*.  
Emphasis is placed upon taxation. Omitted in 1905-1906.
6. Socialism and Social Problems. The writings of the four groups of social reformers are studied: the Utopists, the Moral and Ethical group, the Socialist group, and the Fabians.  
For 2, 4, and 6, or alternates, 1 is requisite. Juniors may elect only two of these courses. Omitted in 1905-1906.
7. Advanced work in Economic Theory. Assigned readings in Smith, Ricardo, Mill, Marshall, the Austrian, Italian, and American economists.  
1 requisite.



8. Trusts and Transportation. Ripley's *Transportation*; Johnson's *American Railway Transportation*; Meade's *Trust Finance*.

10. Labor Problem, including trades-unionism and the wage question. Lectures and assigned readings.

Courses 8, 10 are given alternate years with 4, 6.

The department conducts an economic and sociological seminar once each week during the winter months, to which are admitted those who have attained high standing in Economics 1 and 3.

## MODERN GOVERNMENT AND INTERNATIONAL LAW

PROFESSOR GROSVENOR

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and of circumstances; governments as single or federal, as monarchic, aristocratic or democratic, as constitutional or arbitrary.

3. Existing governments, national, municipal and local, in the states of Europe and America, and in Japan, China, India, and Australia. (2 requisite.)

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress and future of international law. (2 and 3 requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethnic, and religious condition of peoples is investigated to ascertain the influence of such conditions upon their political life. Attention is paid to special topics of contemporaneous interest. During each semester at least one thesis and two discussions will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History*. Wilson's *The State*. Lawrence's *International Law*.



## BIBLICAL LITERATURE

PROFESSOR H. PRESERVED SMITH

## I. THE ENGLISH BIBLE

1. History of Israel down to the Greek period; composition of the historical books; the work of the prophets; exile and restoration; supremacy of the law.

2. History of Judaism and the beginnings of Christianity; the Maccabean struggle; Rome and the Herods; the life of Christ; Jewish and Gentile Christianity; the epistles of Paul.

3. Historical and literary criticism as applied to the Old Testament; careful study of parallel passages; influence of the religious development of the nation on its literature.

4. Application of historical criticism to later Jewish productions; forms of messianic and apocalyptic literature; Greek influence on Jewish thought; harmony of the Gospels; types of thought in the early church.

The text-book is the English Bible.

## II. THE NEW TESTAMENT IN GREEK

5. Discussion of the character of Hellenistic Greek. Selections from the Gospels, the Acts, and the earlier Pauline Epistles.

6. The Catholic Epistles and the Epistle to the Hebrews with comparison of the Greek version of the Old Testament.

The text-book is the New Testament of Westcott and Hort.

## III. INTRODUCTION TO THE HEBREW LANGUAGE

7. The grammar, with exercises in translation and composition; reading of easy prose.

8. Translation of narrative and prophetic passages with especial attention to the syntax. The text-book is Davidson's *Introductory Hebrew Grammar*.

IV. THE HISTORY OF RELIGIONS

9. Primitive Religions: Egypt; Assyria and Babylonia; China and Japan; India and Persia; Germans and Kelts; Greeks and Romans; Judaism; Christianity; Islam. Instruction by lectures with assigned readings.

The groups II and III are given in alternate years. Group II will be omitted in 1905-1906.

GREEK

PROFESSOR ELWELL

A. Course for students beginning Greek. *Anabasis*, *Iliad*, and prose composition; four hours a week through the year.

This course is given to three or more students, on application.

1. Homer, *Odyssey*, with study of Homeric characters and collateral reading on Homer.

2. Herodotus, with study of historic characters and collateral reading on Greek historians; Lysias, with study of Athenian life and collateral reading on Attic orators.

PROFESSOR H. DEF. SMITH

3. Aeschylus, Sophocles, Euripides; selected dramas; lectures on the development of tragedy and the theatre; study of selected tragedies in an English translation.

4. Plato, *Apology* and *Crito*; Xenophon, *Memorabilia*; lectures and reading on the life and influence of Socrates.

5. Demosthenes, *On the Crown*, with lectures and reading on Demosthenes as an orator and as a statesman.

6. Hesiod, *Works and Days*. Lyric Poets, selections from elegiac, iambic, and melic poetry, with a study of the various types.

7. Aristophanes, *Birds*, with lectures on the development of comedy; Aristotle, *Poetics*, with lectures and collateral reading on Greek literary criticism.

Omitted in 1905-1906.

8. Theocritus, *Idylls*; Apollonius Rhodius, *Argonautica*; with selections from other late poetry; lectures on the Alexandrian poets.

Omitted in 1905-1906. Courses 5, 6 are given alternate years with 7, 8.

10. Greek Literature; Poetry (1905-1906); Prose (1906-1907); lectures on the development and characteristics of the various types; study of selected examples in an English translation, with reports on special topics.

Knowledge of the Greek language not required.

#### LATIN

PROFESSOR COWLES, DR. GALPIN, AND DR. CLEASBY

1. Cicero, *De Senectute*, or *De Amicitia*; discussion on Latin style; collateral reading on the life and times of Cicero.

Livy, Book I or XXI; lectures on Rome and Carthage; collateral reading on the Punic wars.

2. Livy continued; exercises in Latin composition on the basis of the text.

Horace, *Odes* and *Epodes* with the Horatian metres; collateral reading on Horace as a lyric poet.

#### PROFESSOR COWLES

3. Selections from Catullus.

Tacitus, the *Agricola* and *Germania*, or selections from the *Satires* and *Epistles* of Horace. History of Latin literature.

4. Selections from the *Letters* of Pliny the Younger; illustrated lectures on Roman archæology.

Plautus, *Trinummus* and *Captives*, with lectures on the history of the Roman theatre and drama.

#### PROFESSOR CROWELL

5. Selections from Seneca the philosopher; Petronius, *Cena Trimalchionis*; Quintilian, *De Institutione Oratoria*, book x; history of the literature of the Silver Age.

6. Tacitus, *Histories*, books I and III ; history of the literature of the Silver Age ; Persius and Juvenal, *Satires* and history of Roman satire ; or Justinian, *Institutes*, and history of Roman jurisprudence.

7. Lucretius, selections from *De Rerum Natura* ; Cicero, the *Immortality of the Soul* ; thesis on the life, philosophy, poetry and style of Lucretius.

8. Tertullian, *Liber Apologeticus* ; Christian Latin poetry, selections ; history of early Christian Latin literature ; Justinian, *Institutes*, and history of Roman jurisprudence.

### SANSKRIT

PROFESSOR ELWELL

1. Perry's *Primer* ; Whitney's *Grammar* ; Lanman's *Reader*, *Nala*.

2. Whitney's *Grammar* ; Lanman's *Reader*, stories from *Hitopadeśa* and *Kathā-sarīt-sāgara*.

This course is offered in preparation for especial work in comparative philology, and as an introduction to the study of the religions and literatures of India.

### GERMAN

PROFESSORS RICHARDSON AND BIGELOW

1. Drill in pronunciation ; colloquial exercises ; practice in writing German ; selections from easy German prose.

2. Practice in writing German continued ; sight reading ; prose selections.

3. Prose composition ; memorizing ; conversation ; reading of modern texts ; Schiller, *Maria Stuart*, and *Wilhelm Tell* or *Wallenstein* begun ; study of Schiller's life.

4. Schiller continued ; Lessing, *Emilia Galotti* ; Hauff, *Das Wirtshaus im Spessart*.

5. Selections from Goethe's prose works ; study of Goethe's life ; Goethe, *Faust* begun.

6. *Faust* continued; history of the Faust legend; Lessing, *Nathan der Weise*.

7, 8. Modern German fiction, poetry, and drama.

This course is open only to students who have completed six semesters with high rank. It may be taken for one or two semesters.

## ROMANCE LANGUAGES

PROFESSOR NITZE, DR. BAXTER AND DR. GALPIN

### FRENCH

1. Elementary course: pronunciation, grammar (composition), translation. Fraser and Squair's *Abridged French Grammar*; Daudet, *Trois Contes Choisis*; or Halévy, *L'Abbé Constantin*.

2. Continuation of 1. Grandgent's *French Composition, Part 1*; or Grandgent's *Materials for French Composition, Part 1* (based on *L'Abbé Constantin*); Dumas, *La Tulipe Noire*; Mérimée, *Colomba*. Outside reading: Bruno, *Le Tour de la France*.

3. Advanced course: rapid reading, syntax (composition). Bevier's *French Grammar*; Sandeau, *Mlle de la Seiglière*; About, *La Mère de la Marquise*; Le Sage, *Gil Blas*. Outside reading: Lamartine, *Scènes de la Révolution Française*.

4. Continuation of 3, and introduction to French literature. Cameron's *French Composition*; Anatole France, *Le Crime de Sylvestre Bonnard*; Sand, *La Mare au Diable*; Pellissier, *Précis de l'Histoire de la littérature française*. Outside reading: Augier and Sandeau, *Le Gendre de M. Poirier*.

5, 6. French literature of the seventeenth century, especially the drama. Lectures, discussions, essays. *Théâtre choisi* of Molière, Corneille and Racine; Descartes, *Discours de la méthode*; Bossuet, *Discours sur l'histoire universelle*; La Fontaine, *Fables*.

7, 8. French literature of the nineteenth century, especially prose fiction (in 1905-1906, poetry and the drama). Lectures,

discussions, essays. Pellissier, *Le Mouvement littéraire au XIX<sup>e</sup> siècle*, representative works of Chateaubriand, Victor Hugo, Vigny, George Sand, Dumas père, Balzac and Daudet.

An alternate course 9, 10 in French literature of the eighteenth century will be given in 1906-1907.

#### OLD FRENCH

11, 12. Selections from the Old French chronicles; *Chanson de Roland*; *Aucassin et Nicolette*. Lectures on the history of the French language.

This course is conducted as a seminar and is open only to students of high rank.

#### ITALIAN

1, 2. Pronunciation, grammar, translation. Stories by De Amicis, Castelnovo, Farina, Verga, Fucini and Serao; Manzoni, *I Promessi Sposi*.

3, 4. Reading, composition and lectures on the history of Italian literature. Works of Fogazzaro and Capuana.

5, 6, alternates of 3 and 4. Dante, *Vita Nuova*, *Divina Commedia (Inferno)*; selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso*.

#### SPANISH

1, 2. Pronunciation, grammar, translation. Giese's *First Spanish Book and Reader*; Loiseaux's *Elementary Spanish Reader*; Alarcón, *El Capitán Veneno*; Valera, *El Pájaro Verde*.

3, 4. Reading, composition and lectures on the history of Spanish literature. Ramsey's *Spanish Grammar*; Fitzmaurice-Kelly's *History of Spanish Literature*; Ford's *Spanish Anthology*; selected works of Valdés, Bazán, Galdós.

5, 6, alternates of 3 and 4. Cervantes, Calderón, Lope de Vega and Tirso de Molina — selected works (given in 1906-1907).

## ENGLISH

DR. ERSKINE

1. Words; sentences; paragraphs; written exercises and themes.
2. The composition as a whole; written exercises and themes.  
The object of this required course is to furnish, by theory and practical drill, discipline in the principles of composition.
4. American Literature.

## PROFESSOR GENUNG

5. Study, through text-book and selected literary works, of structure and style; themes and criticism.
6. The literary types; briefs and themes, with individual criticism.
7. English literature of the Victorian age; essayists and critics; lectures, readings, discussions.
8. The same, continued; the Victorian poets.

## PROFESSOR CHURCHILL

9. The Drama.  
The drama as a species of art, its aims, principles and methods; Greek, Roman, French, German, and English dramas as examples and illustrations. Omitted in 1905-1906.
10. The English Drama.  
Rise and development of the drama in England; works of the predecessors of Shakespeare; plays of Shakespeare. Omitted in 1905-1906.
11. Prose Fiction.  
Prose fiction as a species of art, its aims, principles, and methods; the novel and the short story; ancient and modern examples.
12. English and American Prose Fiction.  
Rise and development of the novel and of the short story in England and America.



## DR. ERSKINE

- 13. Elizabethan non-dramatic literature.  
Omitted in 1905-1906.
- 14. English literature of the seventeenth century.  
Historical development; poetic forms; principles of criticism.  
Omitted in 1905-1906.
- 15. English literary criticism.
- 16. English and Scotch Ballads.

## PROFESSOR WOODBERRY

- 18. Lectures on Modern Literature.  
Omitted in 1905-1906.

## PROFESSOR CHURCHILL

- 19. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.
- 20. Critical study of English prose writers: Early English prose, Elizabethan prose; Addison, Swift, Lamb, De Quincey.  
For English 19 and 20, two courses chosen from 9 to 16 are requisite as precedent or parallel courses.

## OLD AND MIDDLE ENGLISH

## PROFESSOR CHURCHILL

- 21. Old English (Anglo-Saxon). Cook-Sievers' *Grammar of Old English*; Sweet's *Anglo-Saxon Primer*; Bright's *Anglo-Saxon Reader*; Beowulf; lectures on the origin and development of Old English.  
Omitted in 1905-1906.
- 22. Old English Poetry; Beowulf continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales*; lectures on the history of Middle English, and its development into Modern English; Sweet's *Second Middle English Primer*.  
Omitted in 1905-1906.



## 23. Old English Literature.

This course is given alternate years with the linguistic course 21, and is devoted to the literature of the period. Courses 21 and 22 are not prerequisite.

## 24. Middle English Literature.

This course is given alternate years with 22. Special attention is paid to the Middle English lyrics, *Piers Plowman*, the Arthurian tales, the Mystery plays, Chaucer.

**PUBLIC SPEAKING****MR. CORSA**

2. Oral interpretation; declamations, one-hour course; individual training.

Required of all Freshmen.

4. Individual training of contestants for the Freshman Kellogg Prize.

5. Oral interpretation; declamations, one-hour course; individual training.

Required of all Sophomores.

6. Individual training of contestants for the Sophomore Kellogg Prize.

7. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussions; speeches.

9. Debates on social, economic, historical, and political questions, one-hour course.

Required of all Seniors.

10. Debates as in 9.

Required of all Seniors through the Winter term; individual training of contestants for the Hyde and Bond prizes is given in the Spring term.

**GREEK ART****PROFESSOR H. DEF. SMITH**

1. Sculpture and architecture, with a study of the Mycenæan age and an account of the principal excavations. Lectures illustrated by pictures, casts, and lantern slides. Collateral reading, with assignment of topics for investigation.

**ROMAN AND ITALIAN ART****DR. BAXTER**

2. Roman architecture; eight lectures (Art 1 desirable, but not prerequisite). Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance; twenty lectures. Italian sculpture; five lectures. Italian painting of the Renaissance; twelve lectures. Lectures illustrated by stereopticon. Collateral reading and study of photographs.

**MUSIC****PROFESSOR BIGELOW**

1. Elements of music; history of the scales; sight-reading; elementary harmony; chord analysis; choral and orchestral work.

2. Chord analysis; sight-reading and harmony continued; history of music; study of forms; choral and orchestral work. (1 requisite.)

3, 4. History of music continued; form analysis; musical literature; choral and orchestral work. (1, 2 requisite.)

Students not electing the courses outlined above may, on certain conditions, become members of the chorus or orchestra, and receive credit for their work on the college books, subject to the approval of the instructor in charge.

**MATHEMATICS****PROFESSORS OLDS AND ESTY AND MR. THOMAS**

1. Solid and spherical geometry; algebra, including choice, chance, determinants, derivatives, graphs, binomial theorem, and a brief introduction to the theory of equations.

3. Descriptive geometry.

4. Algebra continued, including theory and use of logarithms and exponential and logarithmic series; plane trigonometry; spherical trigonometry and surveying for the Walker honor division.

5. Analytic geometry, plane and solid.

6. Differential and integral calculus.

7. Calculus continued, followed by a brief course in differential equations with especial reference to advanced courses in mechanics and physics.

8. Analytic mechanics; vector methods introduced.

9. Differential equations, ordinary and partial, with their applications; vector methods continued.

10. Introduction to the theory of functions.

12. Descriptive geometry completed. (Continuation of 3.)

14. Mechanical drawing.

Courses 12 and 14 are designed primarily for students who are preparing to enter schools of technology.

## PHYSICS

PROFESSORS KIMBALL AND THOMPSON

1. Elementary mechanics; equilibrium and motion of solids, liquids, and gases; capillarity and molecular forces; heat, electricity and magnetism. Lectures and recitations three hours, laboratory work two hours.

2. Electricity and magnetism, continued; sound and light. Lectures and recitations three hours, laboratory work two hours.

3. A course in electric and magnetic measurements and in heat. (1 and 2 requisite.) Lecture or recitation one hour, laboratory work four hours.

4. Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polariza-

tion, and the optical properties of crystals. Lectures and recitations two hours. (1 and 2 requisite.)

5. Theory of electrostatics, electricity, and magnetism, electrolysis and electrolytic conduction, and electric discharge in gases. Lectures and recitations two hours, laboratory work two hours.

6. Dynamo-electric machinery, with especial reference to alternating currents of electricity. Lectures and recitations two hours, laboratory work two hours.

### ASTRONOMY AND NAVIGATION

PROFESSOR TODD

1. General and descriptive astronomy and astrophysics. Todd's *New Astronomy*; lectures upon the history of geodesy and astronomy. Observations with telescopes and other apparatus, as laboratory practice. Determinations of time. (Physics 2 requisite.)

This course includes the elements of astronomy, old and new. It is an informational course, and does not presuppose technical knowledge of mathematics.

2. Practical astronomy and astrophysics (Campbell, Souchon, Frost); *Theoretical Astronomy* (Watson); *Introduction to Celestial Mechanics* (Moulton); *Investigation of the orbit of Uranus*; observatory work with equatorial, transit, and spectroscope. (Mathematics 1, 4, 5, and 6 and Astronomy 1 requisite.)

This course includes the theory of the construction, adjustment, and use of the principal instruments of the astronomical observatory (page 93), and each student makes observations with these instruments, and completely calculates, or reduces them. Also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the *Astronomical Ephemeris* and *Nautical Almanac*.

4. History of navigation; naval architecture; instruments of navigation; compass errors and their correction; finding the ship's

position; great circle sailing; sextant practice (Mathematics 1 and 4 and Astronomy 1 requisite.)

This course enables the student to become familiar with the practical operations of the astronomy of navigation, including observations and the calculation of them.

### CHEMISTRY

PROFESSORS HARRIS AND HOPKINS AND MR. CHAPIN

1. Fundamental laws. The non-metallic elements and their compounds.
2. Metallic elements and their compounds.
3. Qualitative analysis of bases and acids and general relations of the metals and acids.
4. Separation of bases and analysis of mixed compounds, and general organic chemistry.
5. Quantitative determination of simple compounds and separations of mixed substances.
6. Mineral analysis and special technical and sanitary analysis.

### MINERALOGY AND GEOLOGY

PROFESSOR EMERSON

1. Structural and dynamical geology as illustrated by the region around Amherst. Six excursions required, generally on Wednesday afternoons. Fairchild's edition of Leconte's *Elements of Geology*. (Physics 1, 2 and Chemistry 1, 2 requisite.)
2. Historical geology, palæontology, physiography. (1 requisite; Biology 1, 2 desirable.)
3. Field and laboratory work. Survey of an area of glacial and post-glacial beds followed by descriptive mineralogy, crystallography, determination of minerals, petrography (Moses and Parson's *Mineralogy*), or by advanced palæontology. Eastman's translation of von Zittel's *Palæontology*. (Geology 1, 2 and Biology 1, 2 requisite.)

4. Survey of an area of Triassic or Crystalline rocks, or advanced work in mineralogy, petrography or palæontology.

Map or thesis required.

#### HYGIENE AND PHYSICAL EDUCATION

PROFESSORS HITCHCOCK AND PHILLIPS

1. Personal hygiene; lectures on fundamental laws affecting health. (One-hour course.) Pyle's *Personal Hygiene*.
2. Human physiology. Martin's *Human Body, Advanced Course*.

Except in Senior year, light gymnastic drill is required four times a week the first and second terms.

#### BIOLOGY

PROFESSORS TYLER AND LOOMIS

1. Evolution of vertebrates.
2. Evolution of invertebrates.  
Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structure and affinities of the great divisions of the animal kingdom are investigated.
3. Comparative anatomy of vertebrates. (1 requisite.)
4. Comparative anatomy of vertebrates and their distribution. (1 and 3 requisite.)
5. Development of the child. Prehistoric man (1 requisite).
6. Vertebrate embryology. Biological problems. (1 requisite.)

#### BOTANY

MR. GOODALE

2. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by means of lectures

and laboratory work upon certain types representative of the main groups of plants. Field work is required during the latter part of the semester.

4. Phanerogamic Botany. Detailed study of the structure and physiology of the Spermatophytes or seed plants. The lectures and recitations are supplemented by required field work in the region around Amherst and by preparation of an herbarium.

Omitted in 1905-1906.

#### THE HENRY WARD BEECHER LECTURESHIP

This Lectureship is named in honor of Henry Ward Beecher of the class of 1834. It is to be awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences, and will pay the holder the sum of five hundred dollars. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

The lecturer this year is Professor Munroe Smith of Columbia University. Upon the general subject, Evolution of Law and of Legal Rights, he will give the following lectures : Nature of Law ; Beginnings of Law ; Tribal, City, and Common Law ; Equity, Legislative and Codificative ; Personal Rights ; Property Rights ; Contracts ; Family and Inheritance.



# Lists of Studies

## FRESHMAN YEAR

ALL candidates for a degree take English 1, 2; Mathematics 1, 4; Hygiene 1 (1 hour), Public Speaking 2 (1 hour). Candidates who have entered:

B.A. Group\* 1, take also Greek and Latin, and choose one study from the list given below ;

B.A. Groups 2 and 3, take also Greek or Latin and a modern language, and choose one study from the list given below ;

B.S., take also two modern languages, and choose one study from the list given below.

Candidates who have been accepted in Mathematics II (Solid Geometry, Advanced Algebra, and Trigonometry) at entrance, choose two studies from the list given below. Candidates for B.S. who have presented Latin I and II may become candidates for B.A. by taking the Latin of Freshman year.

## ELECTIVES, FRESHMAN YEAR

### *First Semester*

French 1, 3, or 5  
German 1, 3, or 5  
Chemistry 1  
Physics 1  
Mathematics 3

### *Second Semester*

French 2, 4, or 6  
German 2, 4, or 6  
Chemistry 2  
Physics 2  
English 4  
Physiology 2

\*For definition of groups see page 45.



## SOPHOMORE YEAR

Each student must elect five courses.

*First Semester*

History 1  
Greek 3  
Latin 3  
German 1  
German 3  
German 5  
French 1  
French 3  
French 5  
Italian 1  
Spanish 1  
English 5  
English 7  
Public Speaking 5 (*required*)  
Mathematics 5  
Chemistry 1  
Chemistry 3  
Physics 1  
Physics 3  
Biology 1

Music 1

and any preceding courses

*Second Semester*

History 2  
Greek 4  
Latin 4  
German 2  
German 4  
German 6  
French 2  
French 4  
French 6  
Italian 2  
Spanish 2  
English 6  
English 8  
  
Mathematics 6  
Chemistry 2  
Chemistry 4  
Physics 2  
Physics 4  
Biology 2  
Botany 2  
Botany 4  
Physiology  
Music 2

## JUNIOR YEAR

Each student must elect five courses.

*First Semester*

Philosophy 1  
History 3  
History 5  
Biblical Literature 1  
Biblical Literature 3  
Biblical Literature 5  
Biblical Literature 7  
Greek 5  
Greek 7  
Greek Art

Latin 5  
Economics 1

German 7  
French 7  
French 9  
Italian 3  
Italian 5  
Spanish 3  
Spanish 5  
English 9  
English 11  
English 13  
English 15

*Second Semester*

Philosophy 2  
History 4  
History 6  
Biblical Literature 2  
Biblical Literature 4  
Biblical Literature 6  
Biblical Literature 8  
Greek 6  
Greek 8  
Greek 10

Italian and German Art

Latin 6  
Economics 2  
Economics 4  
Economics 6  
Modern Government 2

German 8  
French 8  
French 10  
Italian 4  
Italian 6  
Spanish 4  
Spanish 6  
English 10  
English 12  
English 14  
English 16

*First Semester*

English 21  
 English 23  
 Public Speaking 7  
 Mathematics 7  
 Chemistry 3  
 Chemistry 5  
 Physics 3  
 Physics 5  
 Geology 1  
 Biology 5  
 Music 3

and any preceding courses

*Second Semester*

English 18  
 English 22  
 English 24  
 Mathematics 8  
 Chemistry 4  
 Chemistry 6  
 Physics 4  
 Physics 6  
 Geology 2  
 Biology 6  
 Music 4

## SENIOR YEAR

Each student must elect four courses.

*First Semester*

Philosophy 3  
 History 7  
 Economics 3  
 Economics 7  
 Modern Government 3  
 Biblical Literature 9  
 Latin 7  
 French 11  
 English 19  
 Public Speaking 9 (*required*)

*Second Semester*

History 8  
 Economics 4  
 Economics 8  
 Economics 6  
 Economics 10  
 Modern Government 4  
 Latin 8  
 French 12  
 English 20  
 Public Speaking 10 (*required*)

*First Semester*

Mathematics 9

Physics 5

Astronomy 1

Chemistry 5

Geology 3

Sanskrit 1

and any preceding courses

*Second Semester*

Mathematics 10

Mathematics 12

Mathematics 14

Physics 6

Astronomy 2

Astronomy 4

Chemistry 6

Geology 4

Sanskrit 2

# Clubs and Societies

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## ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish and Italian,—the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. To further the object of the Club regular, informal, weekly meetings are held, foreign dailies and illustrated weeklies are kept on file in the Club Room, which is always open to members, distinguished foreigners are invited to speak in their native tongue under the auspices of the Club, plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

## GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews. Weekly meetings are held, at which German only is spoken.

## LITERARY CLUB

The Literary Club, meeting fortnightly, is organized and conducted by students, but the teachers of English are active members. The purpose of the Club is to increase interest in English literature, to form correct literary opinions, and to promote free discussion of literary subjects. Special attention is given to modern and current literature. The Club also affords opportunity to hear prominent lecturers from outside the College.

## CHORUS AND ORCHESTRAL WORK

A chorus and orchestra consisting of students, faculty, and citizens of the town and vicinity, after practice extending throughout the college year, render during the Spring term and at Commencement some of the larger musical masterpieces, thus giving all who can sing, or play an instrument, an opportunity for practice and development in the realm of good music. The works studied, thus far, are Mendelssohn's Oratorios *St. Paul* and *Hymn of Praise*, Handel's *Dettingen Te Deum*, Mendelssohn's *Hear my Prayer*, the overture to Von Weber's *Freischütz*, Handel's *Messiah*, Beethoven's *Seventh Symphony*, Mozart's *Zauberflöte Overture*, and Mendelssohn's *Elijah*.

## COLLEGE CHOIR

Students who are gifted with good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

## The College Library

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THE COLLEGE LIBRARY contains about eighty thousand volumes. The funds available for the increase of the library yield an annual income of about four thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the college library and reading-room are open from 8.30 A.M. to 9.30 P.M. every day excepting Sundays and holidays. During vacations the library and reading-room are open five hours daily, except from August 15 to September 15.

The library building bears the name of The Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

## The Mather Art Museum

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FOR purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, as well as the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenæan, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence, while the corresponding space at the west end is filled by a reproduction of Crawford's doors of the Capitol at Washington.

Entrance to the Museum is gained through the central door on the north side of Williston Hall, or through the smaller door, on the same side, leading to the Greek room. It is open every week-day, while College is in session, from the first of May to the first of December, from two to three o'clock P.M. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art repro-



ductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the Library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments: while in the vestibule of the Library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Dr. Henry Lobdell from the walls of the palace of Assurnazirpal at Nimroud.

# Laboratories and Apparatus

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NEW laboratories for chemistry and physics have been erected upon the land added to the College campus by gift of Mr. D. Willis James. The chemical laboratory has ample accommodations for all needs of the department. It contains on the first floor a laboratory and balance room for quantitative analysis; also another laboratory, arranged with sixty desks, fitted for qualitative work. Upon the second floor is a lecture room with accommodation for the largest classes, and adjoining is a commodious room for all preparations and apparatus for lecture experiments. Upon the same floor is a working laboratory for students in general chemistry, where sixty can easily be accommodated at one time. Also on this floor is a laboratory arranged for organic and sanitary work, with a combustion room adjacent. Upon each floor is a convenient recitation room for drill work. A library room is in proximity to the work of the more advanced students. In the well-lighted basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

On the main floor of the physical laboratory is a large lecture room, provided with a variety of arrangements to aid in demonstrations. Adjoining the lecture room is an apparatus room with a valuable collection for lecture illustration. There are also on this floor a library and reading room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscope room equipped with a powerful concave-grating spectroscope. In the basement

are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power. Throughout the building slate shelves and brackets are built into the walls to secure steadiness, and in the basement are substantial piers. The collection of apparatus includes many instruments of precision suitable for investigation as well as instruction.

The biological laboratory is connected with the Appleton Cabinet. On the first floor is the large recitation room, containing the study collections of animals and a full local herbarium. The collection is illustrated by a set of Leuckart's wall charts. Adjoining the recitation room is the reading room, or department library. This library, the gift of former students in the department, contains at present about two hundred and fifty volumes, and includes two or more copies of the larger and more expensive text-books and books of reference. The student is thus enabled to study the specimen with the best charts and books of reference immediately within his reach. On the south side of the second floor is the large laboratory for beginners, where sixty men can find place and light to work at the same time. With few exceptions, however, each division is limited to twelve students. On the north side is the laboratory for advanced work, with accommodations for about twenty students. Both laboratories are abundantly supplied with microscopes, microtomes, and all needed instruments.

## The Observatory

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THE Observatory and its equipment are maintained both for educational purposes and for original research. The old Observatory, built in 1847 on the college grounds, has been dismantled and is no longer used.

A bequest of the late Charles T. Wilder of Wellesley Hills, supplemented by a gift of Mr. D. Willis James of New York, has enabled the Trustees to acquire an excellent site near the College, upon which the new Observatory, with a thoroughly modern equipment, has been placed. The large dome is thirty-five feet in diameter, and houses an eighteen-inch Clark telescope. The small dome contains a seven and one-fourth inch refractor. The observatory equipment comprises a twelve-inch reflector, the gift of Rev. Albert J. Lyman, D.D., of Brooklyn, and built by his father; a six-inch Edgecomb reflector, the gift of Leonard W. Pope of the class of 1902; an altazimuth, two transits with the usual accessories for meridian observations, instruments for instruction in the theory and practice of navigation, and much other apparatus in large part photographic and chiefly of use on eclipse expeditions.

The land included in the Observatory property is about seven and one half acres. Adjoining property owned by the College, and which may be regarded as additional protection, approaches thirty acres in extent.

# The Natural History Collections

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THE Woods Cabinet is named in honor of its principal donor, the late Hon. Josiah B. Woods of Enfield. It contains all the geological collections of the College, consisting of the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection; comprising in all about twenty-five thousand specimens.

In the Appleton Cabinet, named in honor of the late Hon. Samuel Appleton of Boston, are the Hitchcock ichnological collection, the Gilbert museum of Indian relics, and the Adams zoölogical collection.

In the ichnological collection, named after President Hitchcock, are to be found about fourteen hundred specimens, containing at least twenty thousand tracks of animals in stone, together with plaster and clay casts of tracks of living and extinct species of animals. The museum of Indian relics receives its name from the Hon. George Gilbert of Ware, by whose liberality it was mainly established. It comprises about thirty-five hundred specimens of the stone implements of extinct Indian tribes, principally those who lived in the Connecticut valley. The zoölogical collection was originally gathered and arranged by Professor Charles B. Adams. It comprises prepared specimens of animals and their habitations, and dried plants, representing all the great groups of the animal and vegetable kingdoms. In the department of shells it is particularly extensive and valuable. A collection in comparative osteology, and the clastic models of Auzoux, are incorporated with the zoölogical collection. The collections arranged in these several cabinets contain more than

one hundred thousand specimens of the animal, mineral, and vegetable kingdoms.

By the gift of the Hon. Elbert E. Farman, LL.D. of Warsaw, New York, the College possesses Audubon's celebrated collection of birds, amounting in all to about six hundred specimens. Many of these are the typical specimens by which the species were determined, and about one hundred have been mounted for exhibition in the Appleton Cabinet. Also, there have been added to this collection by the same donor several of the rarer California birds which have been discovered since the death of Audubon.

The cabinets are open to the public every week-day from three to four P.M.

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## The Pratt Gymnasium

THE Pratt Gymnasium is the gift of Charles M. Pratt of New York, of the class of 1879. The main hall affords ample space for a class to receive drill practice with light apparatus, and to execute certain marching movements. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously. The facilities of the dressing-room and the bathing-rooms are abundant.

On the main floor are the offices of the Professors of hygiene and rooms containing anthropometric apparatus for the measurement and examination of students. The two physicians of the College are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing room and hand-ball court. In the basement are the bowling-alleys, a

sparring-room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M. and for special purposes in the evening.

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## The Pratt Swimming Pool

THE PRATT SWIMMING POOL, to be completed this year, is the gift of Harold I. Pratt of the Class of 1900. The pool is seventy-five feet long and twenty-two feet wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the Gymnasium. The Pool is on the first floor, with a platform for spectators. On the second floor are one double and three single squash racquet courts, the gift of a former member of the Class of 1896. The pool and the racquet courts are free to all students.

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## The Pratt Field and Recreation Grounds

THE PRATT FIELD, an area of about thirteen acres, less than one-third of a mile from the College, superbly located on the eastern slope of the Connecticut Valley, is the gift of Frederic B. Pratt of New York, of the Class of 1887. It is intended for out-door recreation of all students of the College as well as for those who compete in the games. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths, and store-rooms.



## The Pratt Health Cottage

THE PRATT HEALTH COTTAGE, in an elevated situation three-fourths of a mile from the College, is the joint gift of George D. Pratt of the class of 1893, Herbert L. Pratt of the class of 1895, and John T. Pratt of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physicians have general charge of all cases in the infirmary, except that any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. A matron, who is a graduate nurse, in attendance upon the Cottage, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. The cost to each patient is only a charge sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.



## Dormitories

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THE rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. Dry sub-cellars insure perfect ventilation. The buildings are heated with steam and there are tiled open fireplaces in most of the rooms. The floors of carefully matched hard wood may be left uncarpeted and used with rugs. On the second floor of each half of each dormitory there is a bath room with all modern appointments. Set marble basins with modern plumbing and running water are supplied in each room. The halls are lighted with gas, and the prices named for room-rent include heat, water, and care of the rooms by capable janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date members of college may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one-quarter on engaging the room, one-quarter on the first of October, and the balance on the first of March.

### NORTH COLLEGE

#### NORTH ENTRY

*First Floor:* No. 1, \$90; No. 2, \$80; No. 3, \$80; No. 4, \$90.

*Second Floor:* No. 5, \$115; Nos. 6 and 6A, \$135; No. 8, \$120; Room D, \$55.

*Third Floor:* No. 9, \$115; No. 10, \$90; No. 11, \$90; No. 12, \$120; Room E, \$60.

*Fourth Floor:* No. 13, \$110; No. 14, \$85; No. 15, \$85; No. 16, \$115; Room F, \$55.

## SOUTH ENTRY

*First Floor:* No. 17, \$80; No. 19, \$85; No. 20, \$80; No. 18, \$85.

*Second Floor:* Nos. 21 and 21A, \$135; No. 22, \$115; No. 23, \$120; Room A, \$55.

*Third Floor:* No. 25, \$90; No. 26, \$115; No. 27, \$120; No. 28, \$90; Room B, \$60.

*Fourth Floor:* No. 29, \$85; No. 30, \$110; No. 31, \$115; No. 32, \$85; Room C, \$55.

## SOUTH COLLEGE

## NORTH ENTRY

*First Floor:* No. 1, \$85; No. 2, \$65; No. 2A, \$40; No. 3, \$40; No. 4, \$85. (Nos. 2 and 2A should rent as a suite, and No. 3 may rent with them.)

*Second Floor:* No. 5, \$115; Nos. 6 and 6A, \$135; No. 7, \$55; No. 8, \$120.

*Third Floor:* No. 9, \$115; No. 10, \$90; No. 10A, \$50; No. 10B, \$45; No. 11, \$60; No. 12, \$120. (Nos. 10, 10A, and 10B should rent as a suite; or Nos. 10 and 10A may be rented together, and No. 10B and No. 11 may be rented as a suite.)

*Fourth Floor:* No. 13, \$110; No. 14, \$80; No. 14A, \$50; No. 14B, \$45; No. 15, \$55; No. 16, \$115. (Nos. 14, 14A and 14B should rent as a suite; or Nos. 14 and 14A may be rented together, and No. 14B may be rented with No. 15 as a suite.)

## SOUTH ENTRY

*First Floor:* No. 17, \$80; No. 18, \$95; No. 19, \$95; No. 20, \$80.

*Second Floor:* Nos. 21 and 21A, \$135; No. 22, \$125; No. 23, \$125; Room A, \$55.

*Third Floor:* No. 25, \$95; No. 26, \$125; No. 27, \$125; No. 28, \$95; Room B, \$65.

*Fourth Floor:* No. 29, \$90; No. 30, \$120; No. 31, \$120; No. 32, \$90; Room C, \$60.

# Administration

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## TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time, divided into the Autumn, Winter, and Spring terms. There is a recess of two weeks beginning three days before Christmas, a recess of two weeks beginning March 29 and a Summer vacation of twelve weeks. Commencement Day is the last Wednesday in June.

A printed schedule of the exercises of the College is published at the beginning of each semester. On Wednesday and Saturday afternoons all exercises are suspended.

## ATTENDANCE AT RECITATIONS AND LECTURES

From class-room exercises five absences are allowed from every three-hour course in each semester. In courses involving more or less than three hours a week, and in laboratory courses, the number of allowed absences must not exceed one-tenth of the total number of exercises. Three tardy marks count as one absence.

A student who has taken one more than the number of absences allowed is reported to the Administration Committee.

A student who has more absences than are allowed in any course must take an examination corresponding to those absences before he can be admitted to the final examination. If he fails on this examination, five one-hundredths for each absence are deducted from his mark in the course.

All students going home to vote have an opportunity to make up for the necessary absences by special recitations or exercises.

### EXAMINATIONS

Examinations are held at the end of each semester, or at intervals during the semester, in all courses. There are no second or make-up examinations after the close of a semester, except in required courses.

A student who has failed in a required course may take a second examination the day before the beginning of the next college year. A Senior who has failed in any course or courses of the second semester may take a second examination in the Senior vacation. A Senior who has failed in any course or courses of the first semester, in case there are no courses that can be substituted the second semester, may take a second examination in the Senior vacation.

No student may anticipate a final examination except by special permission obtained from the Administration Committee.

### DELINQUENCIES

A student who has failed in a required course on a second examination is obliged to repeat it the following year with the next lower class. A student who has failed in an elective course is obliged to repeat it the following year, or may, with the consent of the Administration Committee, substitute another course in one of the two following semesters.

A student who, on account of illness, does not take a final examination may be granted the privilege of a special examination, provided he presents a certificate from one of the College physicians.

## GRADUATION IN LESS THAN FOUR YEARS

## GRADUATION IN THREE YEARS

A student who, by examination, has at entrance credit for two semester courses, may take six courses each semester, besides required work in declamation, debates and hygiene, in order to obtain a degree in three years, provided he maintains an average standing of 75. Written notice of intention to complete the course in three years shall be given at the beginning of the first year.

## GRADUATION IN THREE AND ONE-HALF YEARS

A student may complete the course in three and one-half years by taking after the first year six courses during three semesters and five courses during two semesters, besides required work in declamation, debates and hygiene, provided he maintains an average standing of 75, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one-half years shall be given at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

No student shall take more than the required number of studies in any term in order to shorten the course, or for any other reason, except by permission of the Administration Committee.

## ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each semester; from the Sunday service, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Registrar, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age,

his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises on account of sickness must be made to one of the College physicians.

### ATTENDANCE AT GYMNASIUM

Four hours a week of physical exercise are required of the Freshman, Sophomore and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after the Fall Athletic Meet. A limited number of students are excused from the required attendance at the Gymnasium while they are actively training for one of the athletic teams of the College.

Each student on entering College is required to take a physical examination.

### PUBLIC EXHIBITIONS

Any club, association, or team of students proposing to give one or more entertainments or exhibitions, before making any contracts or engagements, must present their plans to the Committee on Public Exhibitions who will be ready to confer with the Manager and another representative of the Club or Association, and no engagements shall be made without the approval of the Committee.

No student who has more than one semester delinquency is allowed to take part in any public game or entertainment given by any club, association, or team of students; nor any student whose work in the current term is so unsatisfactory as to call for special action by the Faculty, or the Administration Committee.

No individual student shall compete in athletics outside of Amherst in term-time without first obtaining permission from the Committee.



## TERM BILLS, BOND, AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals amount to one hundred and ten dollars for the year. One-half of the annual charge is due on the first day of October, the other half on the first day of March. A bond of two hundred dollars, with satisfactory surety for the payment of all college bills, must be given to the Treasurer by each student when he enters college.

Each member of the Senior class is required to pay a graduation fee of six dollars.

## LABORATORY FEES

Physics	{	First year, each semester . . . . .	\$5.00
	{	Second and third years, each semester . . . . .	7.00
Biology	{	First year, each semester . . . . .	5.00
	{	Second and third years, each semester . . . . .	8.00
Chemistry	{	First year, first semester . . . . .	5.00
	{	First year, second semester . . . . .	4.00
	{	Second year, first semester . . . . .	10.00
	{	Second year, second semester . . . . .	7.50
	{	Third year, each semester . . . . .	15.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

## EXPENSES

The following table shows three scales of annual expenditures, omitting clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:

	Low	Moderate	Liberal
Tuition . . . . .	\$110	\$110	\$110
Room (one-half) . . . . .	35	55	75
Furniture (annual average) . . . . .	10	20	30
Board thirty-six weeks . . . . .	126	144	160
Fuel and light . . . . .	10	15	25
	<u>\$291</u>	<u>\$344</u>	<u>\$400</u>

## RELIGIOUS CULTURE

The Christian life of the College finds expression through the College church and the Christian Association. Prayers are conducted by the President each week-day morning at quarter-past eight o'clock in Johnson chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. There are class prayer-meetings and Bible classes on Sunday and a prayer-meeting on Thursday evening. A communion service is held in the College Church five times during the year.

## PHYSICAL CULTURE

The department of hygiene and physical education is under the charge of two physicians, who keep themselves acquainted with the health of all the students. Soon after he enters College, and twice thereafter during his collegiate course, each student is minutely examined in reference to his strength and physical condition, and advised as to any particular course he should take for the maintenance and increase of his health and strength. A manual of average measurements, together with a record of his own measurements, is given him ; also he is directed to the most advantageous use of the ample appliances with which the Pratt Gymnasium and athletic field are provided.

Besides the exercises which every student may take by himself, the members of each class except Seniors regularly exercise together in the gymnasium four times every week, during the Autumn and Winter terms. Unless excused for physical disability, the attendance of every student is required at the gymnasium for the performance of these exercises in light gymnastics.

The results of this system of prescribed gymnastic training pursued in the College have been eminently satisfactory. While hygienists affirm that, as a general rule, the health of a young



man from fifteen to twenty-five years of age is apt to decline, the reverse rule is found to prevail with students here. From statistics systematically kept for more than thirty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class, best of all. Moreover, this average is shown to come from improvement in the physical condition of the individual student, and not from absence of those who drop out of the course because physically too weak to complete it.

# Degrees

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## DEGREE OF BACHELOR OF ARTS

CANDIDATES for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, twenty-eight semester-courses. Those candidates who present for admission both ancient languages are required to study those languages the first year. Those who present, in addition to Latin and Greek, a modern language, elementary and advanced, may elect that language the first year, instead of one of the ancient languages. Those who present for admission one ancient language are required to study that language through the first year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

## DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, twenty-eight semester-courses. Besides the mathematics of Freshman year they shall complete twelve semester-courses in natural sciences, mathematics and economics, of which not more than two may be economic courses. They shall complete also second year German and second year of a Romance language. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship. A student who presents advanced Latin among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by electing the Latin courses of Freshman year.

## DEGREE OF MASTER OF ARTS

The degree of Master of Arts will be conferred upon Bachelors of Arts of Amherst College who have spent a year in resi-

dence at the college, pursuing a systematic course of liberal, non-professional study, approved by the committee on degrees. Proficiency will be tested by examination or by examination and thesis, as may be determined by the professors under whose direction studies are pursued.

The degree will be conferred upon Bachelors of Arts of this college who have been one year in residence at another college and have fulfilled the requirements indicated in the preceding paragraph.

The degree will be conferred upon Bachelors of Arts of this College, not in residence at the college, who, not less than three years after graduation, have completed a course of liberal, non-professional study approved by the committee on degrees. Proficiency will be tested by examination or by examination and thesis on a subject approved by the Faculty.

Those who complete, at the end of the first semester of Senior year, the requirements for the degree of Bachelor of Arts, may apply the remainder of the year to studies leading to the degree of Master of Arts and finish their studies in non-residence the following year, receiving the degree one year after graduation.

Every resident candidate must register his name and subjects of study with the Registrar not later than October first.

Every non-resident candidate shall register his name and subjects with the Registrar not later than October first preceding the Commencement when the degree is conferred.

Every candidate who completes the requirements for the Bachelor's degree at the end of the first semester of Senior year and applies the remainder of the year to studies leading to the Master's degree shall register his name and subjects not later than December first.

Every resident candidate shall pay the regular tuition for each term of residence, and a diploma fee of five dollars. Every non-

resident candidate shall pay a fee of ten dollars for examination and diploma.

Communications relative to the requirements for the degree should be addressed to Professor John F. Genung, Chairman of the Committee on Degrees.

### SPECIAL COURSE

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, unless any of those studies have been taken already. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

# Fellowships

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## THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Of two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, will be awarded annually to a member of the Senior class for excellence in history and the social and economic sciences, under conditions determined by the Faculty. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

## THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of Green Bay, Wisconsin, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:—

(1) He shall be selected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

The Fellowship was established in 1892. The first incumbent was Arthur H. Pierce, PH.D., of the class of 1888, who was appointed Kellogg Fellow in 1893, studied at the Universities of Berlin, Strassburg and Paris three years, lectured at Amherst College four years on Psychology, and published "Studies in Space Perception," 1901. He is now professor of Psychology in Smith College. The present (second) incumbent is Frank Otis Reed of the class of 1899, who was appointed Kellogg Fellow in 1900, has pursued studies in the Romance Languages at Madrid and Paris, and has lectured at Amherst College two years.

#### THE EDWARD HITCHCOCK FELLOWSHIP IN PHYSICAL EDUCATION

This fellowship was founded by Mrs. Frank L. Babbott of Brooklyn, N. Y., in order to promote graduate study in the department of physical education. It is conferred by appointment of the Faculty and pays the holder five hundred dollars per annum. Its object is to make the student familiar with the

best methods of physical training, both in the gymnasium and on the field.

#### THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

# Honors

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## COMMENCEMENT EXERCISES

The six Seniors who have attained the highest general standing are appointed to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

## THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a general standing represented by eighty-eight or more, on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who after the first semester of Senior year attain a general standing represented by eighty-five or more are elected members of the society.

Beginning with the Class of 1908 the standing for first drawing is ninety instead of eighty-eight, and for second drawing eighty-eight instead of eighty-five.

## FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:

(1) The candidate must complete the last four semester-courses. The three semester-courses in modern Government may be grouped with one semester in History, Philosophy, or Economics, in which a standing of eighty must be maintained. In History the Junior courses 3 and 4 may be reckoned as two of the last four courses. The special work of collateral reading or investi-



gation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Faculty.

(2) The candidate must have at graduation an average standing of not less than eighty in all studies of the college course; a standing of not less than seventy-five in every study of Senior year, and of ninety in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by a thesis, or by both, at the end of Senior year.

(4) The names of successful candidates are announced at Commencement and in the annual catalogue.

(5) Notice of intention to become a candidate must be given to the Registrar by October 10th of the Senior year.

(6) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added to rank.

### HONORABLE MENTION

(1) There must be a standing of not less than eighty in every department for the year.

(2) An average of ninety-three must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention will be announced in the annual catalogue.

# Prizes

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THE following prizes are offered annually for proficiency in the work of several of the departments of collegiate study:—

## GREEK

**The Hutchins Prize** of fifty dollars, to the best scholar in Greek at the end of the Junior year, given by the late Hon. Waldo Hutchins of New York. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

## LATIN

**The Bertram Prizes** of fifty, thirty, and twenty dollars respectively, given by the late John Bertram of Salem. These prizes will be awarded for the best essays by Seniors upon the beginnings of Latin philosophical literature and of Latin Christian literature, as illustrated by the *De Rerum Natura* of Lucretius, and the *Liber Apologeticus* of Tertullian, with an excursus on the civilization and language of Roman Africa in the second century A.D.

**The Billings Prizes**, one of thirty dollars, and one of twenty dollars, given by the late Parmly Billings of Billings, Montana, for excellence in the Latin of the Senior year.

**The Law Latin Prizes**, one of fifteen dollars, and one of ten dollars, for excellence in the Law Latin of the Senior year.

**The Thompson Prizes**, of thirty, twenty, and ten dollars respectively, given by the Rev. Walter Thompson of Garrison's, New York, for the highest scholarship in the Latin of the Junior year, together with especial work.

**The Sophomore Prizes**, one of twenty dollars and one of ten dollars, for the best examinations on portions of the work especially connected with the study of Latin philology, together with general excellence in the work of the year.

**The Freshman Prizes**, one of twenty dollars and one of ten dollars, for the highest scholarship in the work of Freshman year. The award will generally be determined by the regular recitations and examinations, but a special examination may be required.

### ENGLISH

**The Kellogg Prizes**, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of Green Bay, Wisconsin, for excellence in declamation.

**The Hardy Prizes**, the first prize of thirty dollars, the second prize of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking. These prizes are awarded in Commencement week.

**The Hyde Prize** of one hundred dollars, given by Benjamin D. Hyde of Boston, in memory of his father, Henry D. Hyde, for many years a Trustee of Amherst College, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

**The Bond Prize** of one hundred dollars, given by the late Ephraim W. Bond of Springfield, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

**The Kent Prize in English Literature** of one hundred dollars, given by Daniel Kent of Worcester, for the best essay upon an assigned subject. The essay for 1906 may be written upon any one of the following subjects: (1) The Novels of Mrs. Humphry Ward; (2) James Russell Lowell as a Humorist; (3) The Poetry of Coleridge.

**The Ladd Prizes** of fifty dollars in books, given by J. W. Ladd of Portland, Oregon, to members of the class in public speaking who excel in oratorical composition the first semester of Junior year.

**The Armstrong Prizes** of one hundred dollars in books, given by Collin Armstrong of New York, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman Class who excel in composition.

## BIBLICAL LITERATURE

**The Boynton Term Prizes** of thirty dollars, given by the family of the late Eleazar Boynton of Medford, to encourage personal study and investigation of the Bible. These prizes are divided into two of fifteen dollars each, and are awarded, one at the end of each semester, to the student who writes the best essay on an assigned topic covering the work of the semester. No award will be made in case all the essays submitted are found unsatisfactory.

## MATHEMATICS, PHYSICS, AND ASTRONOMY

**The Walker Prizes**, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, one of fifty and one of thirty dollars, are awarded for excellence in the mathematics of the first year.

Two prizes, one of eighty and one of forty dollars, are awarded for excellence in the mathematics of the second year.

The award in each case is determined by an examination.

**The Porter Prizes**, one of twenty dollars for excellence in physics and one of ten dollars in astronomy, given by the late Eleazar Porter of Hadley. These awards are made at the conclusion of the collegiate course, and are determined by the record of all recitations and examinations in these departments.

**The A. C. James Navigation Prize** of fifty dollars, for highest excellence in the course in navigation.

## NATURAL SCIENCE

**The Shepard Mineralogical Prizes** of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, to members of the Senior class for greatest excellence in the department of mineralogy.

**The Sawyer Prize**, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer of Easthampton, for the best work in human anatomy and physiology.

**The A. Lyman Williston Prize** of fifteen and ten dollars, given by A. Lyman Williston of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

### THE PORTER ADMISSION PRIZE

**The Porter Admission Prize** of fifty dollars, given by the late Eleazar Porter of Hadley, to the candidate who passes the best examination for admission to the Freshman class. The name of the successful candidate, together with that of the school at which or the instructor with whom he prepared for college, is published in the catalogue.

### OTHER PRIZES

**The Leland Prize** of one hundred dollars, given by Dr. George A. Leland of Boston, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

**The Ladd Prizes**, the sum of one hundred dollars, given by William M. Ladd of Portland, Oregon, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

**The Woods Prize** of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

**Dante Prize:** an annual prize of one hundred dollars is offered by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the professor of Romance Languages.

**The Utter Prizes**, one of sixty dollars and one of forty dollars, given by Governor George H. Utter of Rhode Island, for essays by Seniors and Juniors on the question, Arbitration as a practicable method for the adjustment of international controversies.

# Scholarship and Beneficiary Aid

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THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually by a committee of the Faculty, among students of high character and good scholarship who need pecuniary aid.

In this distribution the following general rules are observed : —

No aid from beneficiary funds is given to (*a*) students who fail to maintain a high standard of honor in college life; (*b*) students who are delinquent in any subject at the time of their application; (*c*) students whose average rank for the year preceding their application has been below seventy per cent; (*d*) students whose habits are not economical; (*e*) students who enter the College for special courses of study, without reference to a degree.

Awards from beneficiary funds are paid in two instalments on the first of October and March respectively, when the college term-bills become due; but the second instalment of these awards is payable only on condition that the applicant is free from all delinquencies in his college work at the end of the first semester.

The receipt of financial assistance for a given year establishes no claim to a subsequent award.

Applicants for beneficiary aid in the three upper classes must file at the Registrar's office before the first of October a certified statement of their resources for the current academic year, together with three letters of recommendation, giving evidence of their need, attainments, and character. In place of the above specified letters of recommendation, applicants for the renewal of such aid must present a certified account of their expenditures and income for the year preceding their application.

Upon nomination by the principal or teacher who prepared them for college, a limited number of applicants of exceptional



ability and good character may be assured, in advance of the opening of the college year, of awards varying from fifty to one hundred dollars, according to their need and attainments. Candidates for the Christian ministry may be assured of awards covering full tuition. Awards are not payable unless the applicant is free from entrance conditions on the first of October. Blanks for scholarship applications may be obtained of the Registrar; and applications must be accompanied by three letters of recommendation, giving evidence of the applicant's character and attainments, and of his need of pecuniary aid. No awards to the entering class will be announced before the first of May.

Awards are made from the income of the following funds:—

**The Charitable Fund**, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

**The Stone Educational Fund**, \$25,000.

**The Class of 1871 Scholarship Fund**, \$25,000, established by a member of the Class.

**The William Hilton Scholarship Fund**, \$17,500, the bequest of William Hilton of Boston.

**The Whitcomb Scholarship Fund**, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

**The Hitchcock Scholarship Fund**, \$10,000, established by Samuel A. Hitchcock of Brimfield.

**The Emerson Gaylord Scholarship Fund**, \$6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

**The Day Benevolent Fund**, \$5000, the bequest of Moses Day of Boston.

**The Seymour Scholarship Fund**, \$5000, the bequest of James S. Seymour of Auburn, New York.

**The John E. Sanford Class-of-1851 Scholarship Fund**, \$5000, established by John E. Sanford of Taunton.

**The Harry Wilbur Scholarship Fund**, \$5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

**The Farnsworth Scholarship Fund**, \$3000, established by Isaac D. Farnsworth of Boston.

**The Knowles Scholarship Fund**, \$3000, the bequest of Lucius J. Knowles of Worcester.

**A Scholarship Fund**, \$3000, established by a friend of the College.

**The Reed Scholarship Fund**, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

- The Harold Ely Morse Memorial Scholarship Fund**, \$2500, established by the family of Professor Anson D. Morse.
- The Class of 1877 Scholarship Fund**, \$2500, established by the Class.
- The Persian Scholarship Fund**, \$2000, the bequest of Rev. James L. Merri-  
rick of Amherst.
- The Charles Merriam Scholarship Fund**, \$2000, established by Charles  
Merriam of Springfield.
- The Quincy Tufts Scholarship Fund**, \$2000, the bequest of Quincy Tufts  
of Boston.
- The Henry Gridley Class-of-1862 Scholarship Fund**, \$2000, established by  
the Class in memory of their classmate whose name it bears.
- The Borden Scholarship Fund**, \$2000, the bequest of Samuel Augustus  
Borden of Boston.
- The Anderson Scholarship Fund**, \$2000, the bequest of Samuel Augustus  
Borden of Boston.
- The W. Eugene Kimball Scholarship Fund**, \$2000, established by Robert  
J. Kimball of Brooklyn, New York.
- The Morse Scholarship Fund**, \$2000, established by Charles L. Morse of  
Brooklyn, New York, of the class of 1901.
- The Draper Scholarship Fund**, \$2000, established by Warren F. Draper of  
Andover, of the class of 1847.
- The Class of 1855 Scholarship Fund**, \$1100, established by the Class.
- The Alexander H. Bullock Scholarship Fund**, \$1500 established by Alex-  
ander H. Bullock of Worcester, of the Class of 1836.
- The Class of 1836 Scholarship Fund**, \$1500, established by the Class.
- The Class of 1853 Scholarship Fund**, \$1500, established by the Class.
- The Class of 1871 Scholarship Fund**, \$1400, established by the Class.
- The Class of 1826 Scholarship Fund**, \$500, established by two members of  
the Class.
- The Class of 1844 Scholarship Fund**, \$500, established by three members  
of the Class.

Scholarship funds of \$1000 each as follows:—

- The Levi Russell Scholarship Fund**, established by Levi Russell of Hadley.
- The Tuttle Scholarship Fund**, the bequest of Mrs. Sarah Tuttle of Way-  
land.
- The George Cook Scholarship Fund**, established by George Cook of Keene,  
New Hampshire, of the Class of 1841.
- The Enos Dickinson Scholarship Fund**, established by Enos Dickinson of  
Amherst.
- The John C. Newton Scholarship Fund**, established by John C. Newton  
of Worcester.



**The James H. Newton Scholarship Fund**, established by James H. Newton of Holyoke.

**The Johnson Class-of-1823 Scholarship Fund**, established by A. J. Johnson of New York City.

**The Southworth Class-of-1822 Scholarship Fund**, established by Wells Southworth of New Haven, Connecticut.

**The Joseph Carew Scholarship Fund**, established by Joseph Carew of South Hadley.

**The Gregory Class-of-1850 Scholarship Fund**, established by James J. H. Gregory of Marblehead.

**The Dolly Coleman Blake Scholarship Fund**, the bequest of Dolly Coleman Blake of Boston.

**The Miller Scholarship Fund**, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller, of the Class of 1869.

**The Green Scholarship Fund**, the bequest of Rev. Henry Solomon Green of Andover, of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

**The Thomas Hale Scholarship Fund**, established by Mrs. Alice T. March of Newburyport.

**The Mary W. Hyde Scholarship Fund**, the bequest of Mary W. Hyde of Boston.

**The Sarah B. Hyde Scholarship Fund**, the bequest of Sarah B. Hyde of Boston.

**The W. S. Tyler Class-of-1830 Scholarship Fund**, the bequest of Professor William Seymour Tyler of Amherst.

**The Class Scholarship Funds**, established by and bearing the names, respectively, of

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

**The Composite Scholarship Fund**, established jointly by the following Classes :—

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

**The Emily B. Ripley Scholarship Fund**, the bequest of Emily B. Ripley of Royalston.

Funds yielding the following amounts annually :—

**The Moore Scholarships**, four of \$140 each, established by Rev. Zephaniah Swift Moore, D.D., first president of the College.

**The State Scholarships**, three of \$110 each, covering full tuition.

**The Adams Scholarships**, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

Also the following scholarships maintained by annual gifts : —

**The Sayles Scholarship**, \$100, given by Fred Thomas Sayles of the Class of 1881.

**The A. Lyman Williston Scholarship**, \$50, given by A. Lyman Williston of Northampton.

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## Student Loan Fund

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THROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship, not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

# Publications

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THE annual catalogue is issued in December and is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of all alumni, indicating degrees received and positions held, is issued once in five years.

## STUDENT PUBLICATIONS

*The Y. M. C. A. Handbook*, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

*The Literary Monthly*, conducted by students, contains essays, poems, stories, and book notices.

*The Olio*, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

# Alumni Associations

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## The Society of the Alumni

*(Annual Meeting in Commencement Week)*

*President:* JAMES L. BISHOP, Esq.

*Vice-Presidents:*

MATTHEW McCLUNG, Esq.

Rev. CHARLES H. DANIELS

Professor JOHN M. TYLER

Professor JOSEPH F. MCGREGORY

IRVING H. UPTON

HENRY C. DURAND

*Secretary and Treasurer:*

Professor DAVID TODD, Amherst

*Chairman of Committee on Alumni Trustees:*

Mr. COLLIN ARMSTRONG, 25 Broad St., New York

*Executive Committee:*

Dr. EDWARD HITCHCOCK, '49

WALTER M. HOWLAND, Esq., '63

HENRY P. FIELD, Esq., '80

Mr. WILLIAM E. PARKER, '84

Professor JOSEPH O. THOMPSON, '84

Mr. ARTHUR C. JAMES, '89

Rev. ROBERT A. MACFADDEN, '90

Mr. HERBERT L. PRATT, '95

## The Association of Boston and Vicinity

*President:* LUTHER D. SHEPARD, D.D.S., D.M.D.

*Secretary:* Mr. ROBERT B. METCALF, 93 Summer St.

**The Amherst Association of New York**

*President:* WILLIAM R. MEAD, LL.D.

*Secretary:* DWIGHT W. MORROW, Esq., 25 Broad St., New York

**The Association of Lowell**

*President:* Rev. JOHN M. GREENE, D.D.

*Secretary:* Mr. CHARLES W. MOREY, 14 Belmont St

**The Association of Central Massachusetts**

*President:* ARTHUR P. RUGG, Esq.

*Secretary:* WALTER C. SEELYE, M.D., 49 Pearl St., Worcester

**The Association of Ohio**

*President:* Rev. FRANCIS E. MARSTEN, D.D.

*Secretary:* Tod B. GALLOWAY, Esq., State House Columbus

**The Amherst Club of Chicago**

*President:* Mr. OSGOOD T. EASTMAN

*Secretary:* Mr. H. H. TITSWORTH, 849 First National Bank Building

**The Association of Baltimore**

*President:* Rev. ARTHUR C. POWELL

*Secretary:* Professor W. B. CLARK, Johns Hopkins University

**The Northwest Association**

*President:* Rev. GEO. R. MERRILL, D.D.

*Secretary:* WALLACE H. DAVIS, Esq., Main Floor, Bank of Commerce Building, Minneapolis, Minn.

**The Connecticut Valley Association**

*President:* Hon. ARTHUR B. CHAPIN

*Secretary:* Mr. WARREN F. HARDY, Springfield Union, Springfield

**The Association of Philadelphia and Vicinity**

*President:* TALCOTT WILLIAMS, LL.D.

*Secretary:* WALTER C. LONGSTRETH, Esq., 1540 Land Title Building

**The Rocky Mountain Association**

*President:* President W. F. SLOCUM, LL.D.

*Secretary:* EDWARD D. UPHAM, Esq., Denver

**The Association of Rhode Island**

*President:* Mr. GEORGE E. CHURCH

*Secretary:* W. B. GREENOUGH, Esq., 32 Westminster St., Providence

**The Association of Southern California**

*President:* Rev. WILLIAM H. DAY

*Secretary:* CALVIN E. WOODSIDE, Esq., Trust Building, Los Angeles

**The Association of St. Louis**

*Secretary:* Mr. RALPH T. WHITELAW, Buckingham Hotel

**The Association of Central New York**

*President:* Mr. CHARLES D. SEELY

*Secretary:* Mr. J. EDWARD BANTA, Binghamton

**The Association of Western New York**

*President:* Judge WALTER H. KNAPP

*Secretary:* Mr. EDWIN L. BEBEE, 199 Franklin St., Buffalo

**The Association of Arizona**

*President:* Mr. STUART W. FRENCH, Bisbee

**The Association of Cleveland and Vicinity**

*President:* Mr. WILLIAM E. BYRNES

*Secretary:* Mr. CHARLES W. DISBROW, University Club, Cleveland

## The Phi Beta Kappa Society

*President:* Professor EDWARD P. CROWELL, D.D.

*Corresponding Secretary:*

Professor EDWIN A. GROSVENOR, LL.D.

*Recording Secretary:*

Mr. EDGAR W. BURRILL

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### RAILROAD CONNECTIONS

The Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

### SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter can be obtained in May or June from secretaries of classes and alumni associations.

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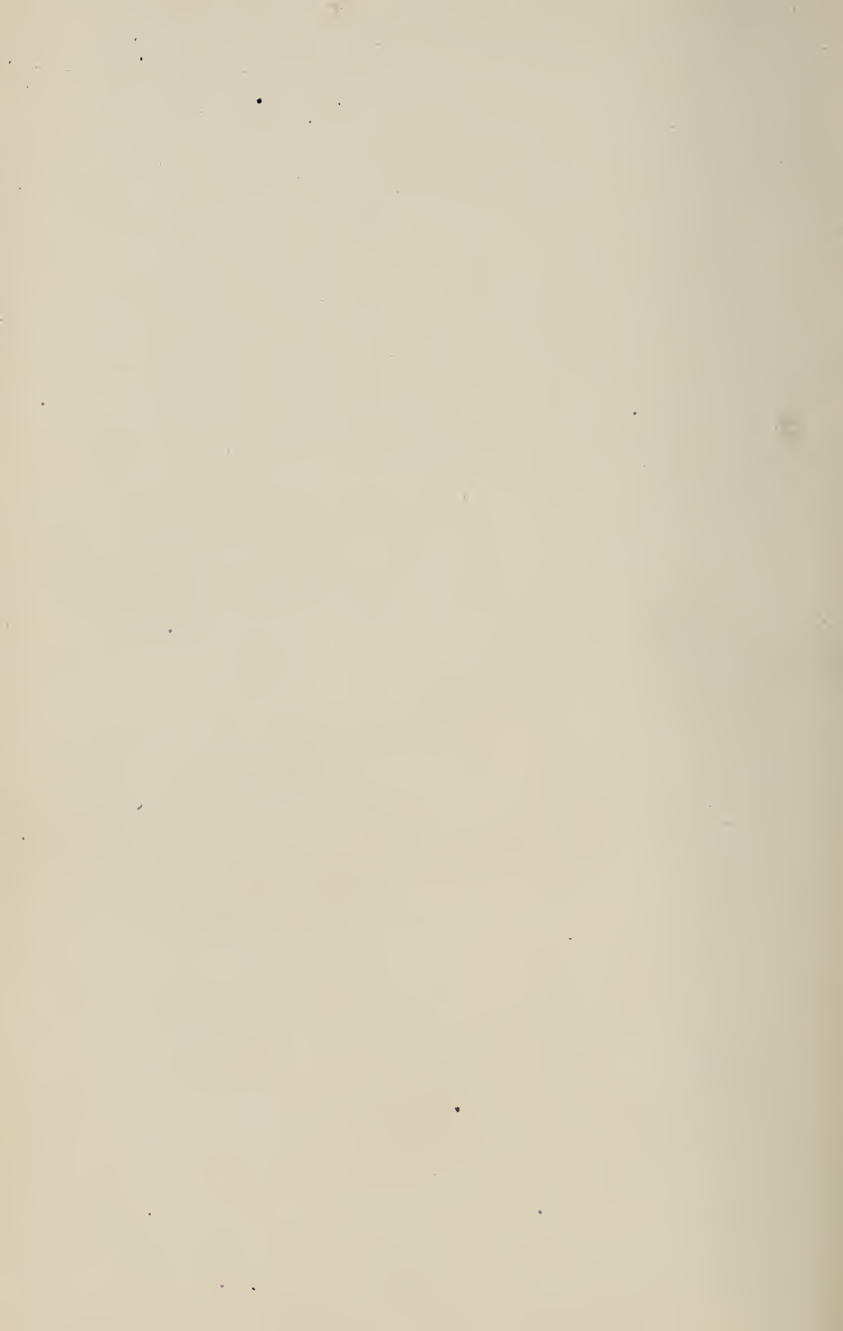
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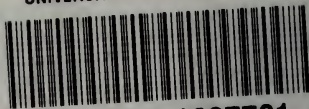








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